

CENTENARY COLLEGE ANNOUNCEMENTS

1967-1968

CORRESPONDENCE

Please address inquiries as follows:

General interests of Centenary College.....	The President
Application for admission and catalogs.....	Director of Admissions
Records and transcripts.....	The Registrar
Academic work of students.....	The Dean of the College
Counseling, withdrawals, housing, health, social activities, and general student welfare.....	The Dean of Students The Dean of Women
Evening Division.....	Director of Evening Division
Summer Session.....	Director of Summer Session
Scholarships and Assistantships.....	Chairman. Scholarships Committee

The College Mailing Address is
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Shreveport, Louisiana 71104

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BULLETIN OF

CENTENARY COLLEGE

OF LOUISIANA



ONE HUNDRED FORTY-THIRD YEAR
SESSION 1966-1967
ANNOUNCEMENTS
1967-1968

FOREWORD

Admissions officers and registrars find that prospective students and their parents are usually interested in finding the answers to the following questions:

- (1) What is the general nature, type, and standing of the college?
- (2) What are the requirements for admission?
- (3) What is the cost of attending the college and what opportunities are available for earning part of these expenses?
- (4) What subjects of study are provided and what are the requirements for graduation?
- (5) What rules does a student have to follow while attending the college?
- (6) What other activities are provided outside the classroom?
- (7) What physical equipment and financial resources does the college have?

This catalog is an attempt to answer these questions in logical order. The first two questions, which are of concern primarily to prospective students, are answered in Part I. The other questions are covered successively in Parts II-VI, as shown in the Table of Contents on the opposite page. Part VII gives the necessary information with regard to the trustees, officers, and faculty, and lists the names of other staff personnel.

Primarily, this catalog is a record of the 1966-1967 session of the college and the announcements for 1967-1968.

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Official College Calendar
 Application for Admission
 Calendar, January 1967 to January 1969



The City of Shreveport

PART I.

INFORMATION FOR PROSPECTIVE

STUDENTS



A SUMMARY OF PERTINENT INFORMATION

Admission Requirements:

The graduates of accredited secondary schools who present the prescribed units and who have maintained an average of "C" or better in college preparatory classes may qualify for admission. Transfer students from other colleges, mature persons, and veterans may be admitted upon approval of the Director of Admissions. As a requirement for admission the applicant must have taken the Scholastic Aptitude Tests of the College Entrance Examination Board. See pp. 10-11 for details.

College Calendar, 1967-1968:

Summer Session	June 5 to August 9, 1967
First Semester	September 3, 1967 to January 26, 1968
Second Semester	January 29, 1968 to May 26, 1968
Summer Session	June 10, 1968 to August 16, 1968

See p. 159.

Courses of Study:

A.B.A. or B.S. Degree may be earned with a major in one of the following subjects:

Art	English	Philosophy
Biology	French	Physical Education
Business	Geology	Physics
Chemistry	Government	Psychology
Economics	History	Religion
Education	Mathematics	Spanish
Engineering Science	Music	Speech and Drama

See pp. 36-93 for courses descriptions and requirements for major.

A B.M. Degree. For details see pp. 68-80.

Pre-professional Programs: See p. 109.

Estimate of Expenses:

	First Semester	Second Semester	Session Summer (9 Weeks) (9 Hours)
Tuition (12 to 16 hours)	\$400.00	\$400.00	\$270.00
Room:			75.00
Boys	135.00	135.00	
Two girls in a room	140.00	140.00	
Three girls in a room	120.00	120.00	
Board	240.00	240.00	110.00

Special fees are charged for student activities, the annual, cap and gown rental, diploma, laboratory courses, late registration, music courses, student-teaching, room deposit (refundable). For details see pp. 20-22.

Loans and Scholarships:

See pp. 23-28. Note especially "Evaluating Financial Needs," p. 28.

Length of College Course:

A regular enrolled student taking a normal load may complete the requirements for a degree in four years. By attending summer school he can complete the same course in three years.

Requirements for B.A. and B.S. Degrees:

Earn a total of 124 semester hours of work, 30 in residence, including the core curriculum. For details see pp. 32-33.

PURPOSE OF THE COLLEGE

As a church-related college, Centenary seeks to provide liberal arts education for students capable of intellectual leadership and for all who can benefit from study in an academic community where excellence is encouraged and individuality is respected. The College purposes to challenge its students to serve society by exemplifying the highest Christian ethic; to provide them with a basic understanding of human affairs and problems; to equip them to think clearly, honestly, and constructively, and to communicate effectively; and to introduce them to the arts and sciences, that they may enjoy the best of the heritage of civilization. By requiring a field of major concentration, the College prepares students for education beyond the baccalaureate degree as well as for immediate participation in an increasingly complex society.

LOCATION

Centenary College is ideally located as the only private liberal arts college in a population complex of 500,000 people. Shreveport is located on Interstate 20 at the intersection of U. S. Highways 71 and 80, 190 miles east of Dallas. New Orleans and the fabled Evangeline country are within easy driving distance. The Shreveport area is a year-round sportsman's paradise. Four airlines serve the city, with approximately fifty arrivals and departures daily. All these factors, plus the friendly atmosphere, help to account for the continuing growth of the metropolitan center.

ACCREDITATION

Centenary College is fully accredited by all appropriate standardizing and accrediting agencies, both regional and national. It is a member of the Southern Association of Colleges and Secondary Schools, the National Association of Schools of Music and the American Association of University Women. It is recognized by the General Board of Education of the Methodist Church as one of its strongest institutions and is approved by the University Senate of the Methodist Church. Centenary College also maintains membership in the American Alumni Council, the American Association of Colleges for Teacher Education, the American Association of Collegiate Registrars, the American Council on Education, the Association of American Colleges, the Association of University Evening Colleges, the Louisiana Academy of Science, the Louisiana College Conference, the National Association of Schools and Colleges of the Methodist Church and the National Commission on Accreditation.

History

Centenary College of Louisiana has a long and worthy history of educational service. Its first component, the oldest college in Louisiana, was founded by the state at Jackson in 1825 and until 1845 was called the College of Louisiana. In 1839, the hundredth anniversary of Methodism, the Mississippi Conference founded a college called Centenary at Clinton, Mississippi. The following year this college moved to Brandon Springs, Mississippi, where it graduated its first class in 1844. In 1845, when the state was about to close the College of Louisiana, friends of Centenary arranged for it to acquire the buildings and grounds at Jackson, where Centenary College became Centenary College of Louisiana, the official name still used.

Before the Civil War, the College became one of the leading institutions of the South, with an enrollment of nearly two hundred and fifty annually. The war interrupted its services from 1861 to 1866. In October, 1861, the faculty met and wrote, across a blank page of minutes, "Students have all gone to war. College suspended and God help the Right." Nearly every member of the senior class and many others of the student body and faculty gave their lives in the struggle.

In the difficult years of reconstruction, the College struggled valiantly and contributed much to the leadership of its territory. For its increasing prosperity and effectiveness, it owed much to Bishop John C. Keener, its friend for some forty years. The bishop drove many a mile in his buggy, soliciting funds to maintain the college he loved.

Although a cultural center for nearly a century, in 1900, Jackson was still a village, by-passed by railroads and lacking other advantages which changing conditions demanded in a college site. Early in the new century, Centenary was invited to move to the growing Shreveport. J. B. Atkins, J. W. Atkins, and their associates offered some land for a campus, and citizens of Shreveport gave a substantial sum for buildings and equipment. In 1908, the College opened its first session in its new location. Its steady growth since in endowment, facilities, and student body attests the wisdom of the move.

The College celebrated its hundredth anniversary in 1925, and soon after graduated its first class of over a hundred. After weathering the depression years with great sacrifice but increased faith in its opportunity on the part of its faculty and staff, Centenary approached its one hundred and twenty-fifth anniversary with such evident success that it attracted notable support from individual donors, from corporations, and from national foundations. It now has a substantial basic endowment, as well as income from "living endowments," from the churches of the Louisiana Conference, and from specially designated scholarship funds.

ADMISSIONS

Requirements

Prospective students who qualify for admission under one of the following classifications will be admitted if their recommendations are satisfactory and their applications are received before registration:

1. The graduates of accredited secondary schools who present fifteen units, including the following prescribed ones: English, 3 units; history and other social science, 2 units; college preparatory mathematics, 2 units (including a minimum of one unit of algebra and one unit of geometry)." The high school course should be planned so that the eight elective units will include two of foreign language, one in a natural science, and an additional unit in English. If less than two units of a foreign language are presented, not less than two years of a foreign language at college level will be required for the B.A. or B.S. Degree (except for B.S. Degree candidates in Business, Education, Engineering Sciences, and Physical Education). Applicants must have maintained an average of "C" or better in those high school courses which are considered as college preparatory.

Applicants for admission to the freshman class are required to submit scores of the Scholastic Aptitude Test of the College Entrance Examination Board. Information about the test may be secured from your high school principal or from College Entrance Examination Board, Box 592, Princeton, New Jersey, 08540, or Box 1025, Berkeley, California.

Applicants for admission will be required as a part of orientation and/or registration to sign a statement showing that they have read and will abide by the Honor System that is in effect at Centenary College.

2. Students transferring from accredited colleges with a quality point average of C in the work taken at such colleges. In unusual circumstances and after personal interviews, some students with averages of less than C, provided they are eligible to return to their previous colleges, are admitted on probation for one semester.

3. Mature persons (twenty-one years old or over), veterans of World War II, and veterans of the Korean War who have not graduated from high school but who show evidence of being able to profit from college work. Such students will be admitted only after conference with and approval by the Director of Admissions. These students must pass the high school level General Education Development tests prepared by the American Council on Education.

Application for Admission

In applying for admission a prospective student should follow the steps described below:

1. Complete application for admission form found in the back of the catalog.

2. Return the form properly filled out to the Director of Admissions. A fee of \$20 must accompany all applications for admission. This fee will not be refundable and cannot be applied toward tuition charges.

3. Ask the high school principal to send a complete transcript including all grades received to the Director of Admissions and if the high school level General Education Development tests have been taken, the results should be sent to the Director of Admissions.

4. If the applicant has attended a college or colleges, he should request a complete transcript of college credits to be sent to the Director of Admissions.

5. If the student is in college at the time of application, he should have a transcript sent showing his credits up to the time of application. If he is accepted, a supplementary transcript will be required showing the completion of his work.

6. New students are required to make an advance payment of \$100 to indicate their acceptance of an offer of admission. This deposit is not refundable, but is applied to the first semester's tuition. (For new students, this deposit also serves to reserve a dormitory room, unless they expect to commute from a home address in Shreveport.)

Advanced Placement

Centenary College participates in the Advanced Placement Program administered by the College Entrance Examination Board. Subject to departmental approval advanced placement with college credit is given for examination scores of 3, 4, 5. Scores of 2 will be considered for advanced placement but without college credit. For further information about the Advanced Placement Program consult your high school counselor, or write to the Dean of the College.

Early Admission Program

In 1965 Centenary College inaugurated a program whereby outstanding students who have completed the junior year in high school may enroll as regular students.

The purpose of the program is to challenge the bright student, and to enable him to by-pass the senior year in high school. He does not receive a high school diploma. This program is designed for the gifted and the eager.

The requirements for early admission are as follows:

1. Three units of English, three of mathematics, two of science, and two of social science.
2. Scores on the Scholastic Aptitude Test of College Entrance Examination Board.
3. The personalized recommendation of the principal, and of the counselor, and the approval of the parents.

4. An interview may be required.
5. The student is expected to live responsibly within the academic community.

Students who are interested in this program should write to the Director of Admissions at Centenary College.

Early Decision Plan

Assurance of admission can be given by November 1st of the senior year in high school to a small group of well qualified applicants. The EARLY DECISION PLAN is intended *exclusively* for those seniors who are certain that Centenary is the school they wish to attend if admission is granted. This plan is devised to give the student security about his admission to college, so that he can spend his time on his studies. Applicants should keep in mind that the majority of admissions and financial aid decisions are made under our regular program in February and March. Before making application under this plan, the following information should be read carefully:

- (1) Applicants for Early Decision must submit the Application for Admission before October 15 of the senior year. The applicant is also responsible for our receiving no later than October 15th:
 - (a) Transcript of second school work completed through the junior year and subjects planned for the senior year;
 - (b) College Board Scholastic Aptitude Test scores. (We suggest July SAT test date.)
- (2) A \$50 deposit on tuition must accompany this application. Admissions decisions will be mailed to the applicant no later than the first of November. If the candidate is accepted for admission the \$50 deposit is *not* refundable after February 1. Candidates desiring to cancel their early decision acceptance and receive a refund of the \$50 deposit must do so *before* February 1. If the early decision is not granted and action is postponed until the regular decision period in February and March, the total deposit will be refunded early in December. (If the candidate plans to live in the dormitory, he should apply for a room reservation when he applies for admission. Dormitory rooms are assigned by date of deposit.)
- (3) Students who cannot attend Centenary without financial aid may submit scholarship applications at the same time as the application for admission. The Parents' Confidential Statement (obtained from the high school counselor), should be sent to the College Scholarship Service, Box 176, Princeton, New Jersey by *October 1*, so that the file will be complete and the schedule outlined in Item (1) above can be met. Financial Aid decisions will be given at the same time as admissions decisions.

The student who wants to be admitted under the Early Decision plan should fill out the regular application form, and send the \$50 deposit on tuition. The application is not complete until the College Board SAT scores and the high school transcript have been received.

Registration

Registration is held three times each year, on the first days of the fall semester, the spring semester, and the summer session. Students who have been accepted for admission may begin their work on any of these dates.

Student Housing

All student housing is under the jurisdiction of the Dean of Students. Unmarried students not living in the homes of relatives are required to live in the college dormitory.

Regulations governing dormitories are published in residence hall handbooks. Students living in dormitories must furnish their own bed linen, covers, pillows and towels.

Students living in women's dormitories are not permitted to leave the city unless they have a parent's permission form filed in the office of the Dean of Women. Freshman dormitory students are required to remain on campus three week-ends out of four except for emergencies or by written request from their parents. Freshman dormitory students are not allowed to have cars on campus.

Dormitories are closed whenever the college is not officially in session.

All students living in dormitories are required to eat at the college cafeteria.

Students who are already in Centenary will be required to make by March 15 a \$50 advance payment on their dormitory rooms for the following fall. If the student changes his plans and decides not to return to Centenary, the \$50 will be refunded provided he notifies the college prior to June 15. If this advance payment for room space is not made, the student automatically releases his dormitory space for reassignment.

All requests for information about any type of student housing and all housing reservations should be directed to the Dean of Students.

STUDENT SERVICES**Counseling Service**

The college provides personnel and facilities for vocational, academic, personal, social, and religious guidance for all students who care to make use of them.

New students are required to attend an orientation program at the beginning of each fall semester. At this time information about the student, including personal information, high school grades, interest test results, English proficiency, and intelligence scores are gathered and assembled in one folder, which is given to the student's faculty counselor. A conference is scheduled between the student and the counselor, at which the counselor helps the student plan his schedule of study. During the freshman and sophomore years, the advisor will emphasize completion of basic college requirements.

Periodic checks are made on each student's progress. Students are urged to confer with their counselors several times each semester. Counselors are available for appointments during the day and will encourage students to meet with them.

The Department of Education and Psychology has a Counseling and Testing Center which serves students for evaluation and counseling. The service is limited to vocational evaluation and counseling, mostly to assist undecided students in a choice of major, and to evaluation of personal problems to assist in appropriate referral to a community agency.

Health Service

All regular students, campus residents, and out-of-city students living off campus are required to have completed a physical examination prior to first enrollment.

The services of a registered nurse are provided; she may be consulted in her office from 8 to 12 and from 1 to 4, Mondays through Fridays. Only emergencies will be treated at other hours.

Conferences about health, minor treatments, calls on bed patients in dormitories, and follow-up checks on health deficiencies discovered by the physical examinations are included in the work of the college nurse. But major surgery, illness requiring hospitalization, contagious diseases which by law require isolation, and cases requiring the services of a specialist are not included in this health service and must be at the student's expense. Routine treatments, such as allergy inoculations, may be continued at the Student Health Service upon recommendation of the attending physician.

Student Accident Insurance

All full-time students (those taking for credit twelve or more semester hours) are insured against accident at no additional cost to the student. This insurance is in effect twenty-four hours a day for the nine-month school year. Thus the coverage includes such interim vacations as Christmas and Easter.

For complete details concerning coverage, benefits, handling of claims, etc., the student should consult the booklet furnished by the insurance company and available at the Business Office.

THE EVENING DIVISION

The Evening Division offers its program for three types of students:

1. Those seeking a college degree.
2. Those desiring to improve their competency in their present occupation or wishing to prepare for new vocations with no desire to complete degree requirements.
3. Those seeking cultural development for satisfying personal living and responsible citizenship.

The program of the Evening Division is based on the principle that education is a continuing process and that, in the increasing complexities of the life of these times, the college's resources should be available for such continuing adult education.

As the program of the division is determined by community needs and interests, new or special courses may be organized in response to requests from business, industrial, educational, and other groups.

The division offers a full program in accounting.

To qualify for admission to the classes in the Evening Division, the prospective student must be a high school graduate and/or in good standing at the accredited college last attended. A psychometric testing center at the college is authorized to give General Education Development tests to prospective Evening Division students who have not finished high school. These tests, if passed successfully, qualify the student for admission to the college.

Adults and students who are high school graduates and who are not on suspension at any college may enroll as auditors. Auditors are entitled to participate in the work of the class to the extent that they desire to do so, except that instructors are not required to give grades to auditors and therefore no grades are recorded in the Registrar's office. Tuition is the same whether a course be taken for credit or audited.

Auditors must indicate on their registration forms that credit is not desired by writing Audit in the "Credit" column on white enrollment cards and on class cards.

A student expecting to take courses for credit toward a degree should consult the Director of the Evening Division or the head of the department in which he will major. Such interviews should be scheduled in advance by telephoning or writing to the Director prior to the regular registration period. A student enrolling for the first time should be prepared to furnish official transcripts of high school and college work.

VETERANS' EDUCATION

Centenary College is approved for veterans' training by the Veterans' Administration under Title 38, U. S. Code. Veterans should contact

their nearest Veterans' Administration Regional Office for application forms and information. They may take work in either the day or evening division.

To qualify for maximum benefits the veteran must be enrolled for a minimum of 14 hours per semester. Enrolled for 10 to 13 hours, he will receive three-quarters of his maximum entitlement; 7 to 9 hours, one-half; and for six or fewer hours, he will receive approximately the amount of his tuition, divided into monthly payments.

Since tuition allowance will be mailed directly to the student by the Veterans' Administration, he will be held responsible for his account and expected to pay according to the rules governing all students of the College.

A psychometric testing center at the college is authorized to give General Education Development tests to veterans who have not finished high school. These tests, if passed successfully, qualify the veteran for admission to the college. In most states, the passing of these tests and the completion of eight units of high school work qualifies a veteran for a high school certificate. It is recommended that this certificate be secured. Application for it should be made by letter to the high school last attended.

Residence Requirements

Military personnel on active duty who are attending Centenary on the Bootstrap Program may complete degree requirements with 30 hours of residence work, provided all other degree requirements have been fulfilled.

Moving-in Time



THE CAMPUS



PART II.
FINANCIAL INFORMATION

Centenary College offers educational opportunities to its students at approximately half the actual expenditure for instruction and operation; the remainder is paid with income from endowment and gifts. These gifts come from friends of the college and from The Methodist Church. *Some parents may wish to meet more of the cost than is covered in the tuition charge. Additional payments may be made to Centenary College and can be considered contributions.*

The college reserves the right to make necessary financial adjustments in tuition charges and in charges for board and room.

TUITION

Tuition for Regular Students

Tuition for full-time students is \$400 per semester. This is the amount for the student who enrolls for 12 to 16 credit hours. Students who take more than 16 hours will be charged at the rate of \$30 for each hour in excess of 16, except when applied music creates the excess. See "Special Charges" on p. 21.

Additional charges for courses in applied music, for part-time students, and other special charges, are outlined below. No out-of-state fee is charged.

Fees for Applied Music

Regular students who enroll in private applied music courses will pay an additional fee of \$45 per semester for one-half hour lesson per week, and \$90 per semester for one hour lesson per week.

"Special students who enroll in private applied music courses will pay a fee of \$60 per semester for one-half hour lesson per week, and \$120 per semester for one hour lesson per week."

Practice rooms, pianos, and other instruments are available in the Music Building. The rental fee for an orchestra or band instrument is \$15 per semester. Rental fees for pianos and organs are charged at the following rates:

	Piano	Organ
2 hours per week	\$3.00 per semester	—
5 hours per week	\$6.00 per semester	\$7.50 per semester
10 hours per week	\$9.00 per semester	\$11.25 per semester
15 hours per week	\$12.00 per semester	\$15.00 per semester

Tuition for Part-time Students

Tuition for special or part-time students (those taking fewer than 12 semester hours) is \$30 per hour. The minimum charge for any student is for three hours, or \$90. Day students taking courses in the Evening Division are charged \$30 per hour.

Tuition for audit or non-credit courses is the same as for courses taken for credit.

BOARD AND ROOM

Excellent meals at reasonable rates are provided in the cafeteria on the campus. All dormitory students are required to take their meals in the college cafeteria and are charged for board by the semester. This practice allows the lowest possible charge per student.

Dormitory room rent is charged by the semester. An estimate of general expenses for tuition, board, and room is given in the table below:

	First Semester	Second Semester	Summer Session (9 weeks-9 hours)
Tuition (12 to 16 hours, inclusive)	\$400.00	\$400.00	\$270.00
Board	240.00	240.00	110.00
Room:			75.00
Boys	135.00	135.00	
Two girls in a room	140.00	140.00	
Three girls in a room	120.00	120.00	

SPECIAL CHARGES

1. A fee of \$20 must accompany all applications for admission. This fee is not refundable and cannot be applied toward tuition charges.

2. A student service charge of \$20.00 per semester must be paid by all full-time students (12 hours or more). This is an all inclusive service fee which includes the Insurance Fee, Medical Fee, *Conglomerate*, Athletics, Physical Education, Student Senate, Lyceum, Identification Card and Library.

3. Students taking 12 or more hours will be charged a \$10 student activity fee each semester. Students taking 12 or more hours in the fall will be charged \$10 for the college annual. Other students interested in a college annual may purchase it at \$10.

4. A fee of \$6.00 per year will be charged to all day students who desire to park their cars on the campus. This fee will permit the student to park in one assigned lot. Students may park their cars free of charge in Lot No. 9, which is located on college property approximately one block south of the main campus. Parking regulations are issued in a separate bulletin.

5. Students who are student teachers are charged \$75.00 to help defray the cost of supervisors from the public school system. This fee is not refundable.

6. The graduation fee is \$22, which includes GRE tests, diploma fee, and rental fee for cap and gown.

7. Each student is entitled to one free copy of his official transcript showing courses taken, credits earned, etc. Extra copies may be obtained by payment of \$1 for each additional transcript.

8. Students taking chemistry laboratory courses must pay for actual breakage in excess of \$3 per semester.

9. If a student fails to complete his enrollment by the time printed in the official calendar, there is a late registration fee of \$10.

10. All college graduates who wish to become certified teachers and who wish the services of counseling and evaluation for their plans and programs must pay a fee of \$15 for this service. Payment of this fee also entitles the student to be listed with the Centenary Teacher Placement Bureau.

11. There is a special fee charged to students taking bowling and golf; for bowling \$12.50, for golf \$8.00 per semester.

FINANCIAL REGULATIONS

Matriculation in the college is an implied contract accepting all regulations of the college, including those governing payment and refunds. The student's account becomes a permanent part of his record. Prospective employers often examine these records to see how a student has met his financial obligations.

Methods of Paying

1. Pay the entire account on registration.

2. 1/3 of the charge on registration and the balance in two equal installments, one due in 30 days and the balance in 60 days. (For this method of payment there is an installment charge of \$10.) (Credits for Scholarships and Student Aid cannot be considered as part of first payment.)

3. For the summer session, pay the entire amount on registration or with a \$5 carrying charge pay 1/2 on registration and the balance in 30 days.

4. Education Funds Incorporated. An insured program for meeting educational expenses out of monthly income. (Details available from the Business Office.)

5. Tuition Plan. (Details available from the Business Office.)

Note: Payment of semester expenses, or arranging to pay them, is considered a part of registration. A student's enrollment has not been completed until he has paid his fees or has made satisfactory

arrangement with the comptroller. Class rolls are made from cards issued by the business office.

5. Tuition, fees, room and board are charged by the semester.

Refunds

If a student withdraws during the first four weeks after registration, there will be a 50% refund of tuition and fees. Board for that part of the semester which has not been used will also be refunded. Room rent cannot be refunded.

If a student matriculates, but receives permission from the Dean of the College to withdraw prior to the first class meeting, all tuition will be refunded except a matriculation fee of \$10.00.

IMPORTANT NOTICE: There is no refund for courses dropped while continuing in other courses.

The official date of withdrawal will be the date the student receives approval from the Dean of the College. All refunds will be based on that date, regardless of the date of last attendance. Failure to attend classes does not constitute a withdrawal.

SCHOLARSHIPS, LOAN FUNDS, AND STUDENT EMPLOYMENT

Scholarships are usually awarded on consideration of the applicant's scholastic record in the past, his present promise as a student, his character, and his financial need. All scholarships are credited toward the payment of the holder's tuition and fees. No student may hold more than one scholarship at a time. To obtain and hold a scholarship, one must have and maintain a "B" average. Applicants for scholarships should address the Chairman of the Scholarship Committee.

Centenary College Grants. A small number of tuition grants are given by the college to deserving students who need financial aid and who have talent in debate, dramatics, band, choir, student publications, and student leadership. The student must maintain a scholastic average of "C" or better.

Ministerial Scholarships. Tuition concessions are granted to pre-theological students and to dependents of ministers of all denominations. Dependents of pre-theological students are also eligible for ministerial scholarships, provided they are full-time students. Students must maintain a scholastic average of "C" or better. Application must be made to the Chairman of the Scholarships Committee.

Endowed Scholarships

The Callie Anne Cogdell Avery Scholarship. For an outstanding Methodist ministerial student in need of financial assistance.

- The Mary Susan Bailey Scholarship.* For worthy students in need of financial assistance.
- The M. L. Bath-Rotary International Scholarship.* Offered annually to a worthy foreign student who desires to study in this country.
- The Paul M. Brown Scholarship.* For deserving students in need of financial assistance.
- The Martha Cappel Memorial Scholarship.* For outstanding students in financial need.
- The Dennis E. and Rosa M. Crouch Memorial Scholarship.* For a needy student.
- The J. A. Davis Scholarship.* For a worthy student of high scholastic standing.
- The John B. Entrikin Scholarship.* For students majoring in Chemistry.
- The James Hill Fullilove Memorial Scholarship.* For ministerial students.
- The Jan and Dorothy Garber Scholarship.* For a worthy music student.
- The E. B. Germany Scholarship.* For worthy students in need of financial assistance.
- The Randy Greve Memorial Scholarship.* For students of high scholastic standing in need of financial assistance.
- The David Philip Hamilton Scholarship Fund.* For worthy students in need of financial assistance.
- The Harman Memorial Scholarship.* For students of high scholastic standing and in financial need.
- The Mamie B. Hicks Scholarship.* For piano students of North Louisiana.
- The Amanda Howell Memorial Scholarship.* For needy students of high scholastic standing.
- The Gus Johnston Hoyer Memorial Scholarship.* For pre-medical students.
- The Charles Moore Hutchinson Memorial Scholarship.* For needy students.
- The Lonnie B. Kilpatrick Memorial Scholarship.* For assistance to worthy students, first consideration being given to members of the families of employees of Kilpatrick Life Insurance Company of Louisiana and Kilpatrick's Rose-Neath Funeral Home, Inc.
- The Philip Lieber-First Federal Savings and Loan Association Scholarship.* For students majoring in business.
- The James W. Lincoln Memorial Scholarship.* For a male student of high scholastic standing in need of financial assistance.

- The May Meadows Ministerial Scholarship.* For worthy ministerial students of high scholastic standing, first consideration being given to students from the Ruston District.
- The Joe J. Mickle Memorial Scholarship.* For students of outstanding ability in need of financial assistance.
- The Melanie Jean Perot Memorial Scholarship.* For a woman student who is working part of her way through Centenary.
- The Reader's Digest Foundation Scholarship Fund.* For students who have given evidence of financial need.
- The Bell Ringgold Memorial Scholarship.* For Louisiana students training to become teachers.
- The Minnie Kerr Ringgold Memorial Scholarship.* For students in the School of Music in need of financial assistance.
- The Peggy Rountree Memorial Scholarship.* For an outstanding student in financial need.
- The J. C. Sensintaffar Memorial Scholarship Fund.* For a worthy student from a rural area.
- The Selber Brothers Scholarship.* Preference shall be given to a student of high scholastic standing studying toward a B.S. Degree in Business.
- The Mary Morel Steinau Memorial Scholarship.* For a deserving student in need of financial aid.
- The Universal Oil Products Scholarship.* For students majoring in chemistry.
- The E. Bernard Weiss Scholarship.* For pre-medical students.

Endowed Scholarships — Income Not Released for Current Year

- The Mary Morton Bigger Music Scholarship.* Established in 1966 by the family and friends of Mrs. Bigger.
- The T. C. and L. C. Clanton Memorial Scholarship.* For a ministerial student of high scholastic standing in need of financial assistance.
- The Ernest and Grace Ferguson Endowed Scholarship Fund.* Established in 1966.
- The Dean Hardin Memorial Scholarship Fund.* Established by friends and alumni of Centenary College in honor of Dean Hardin for worthy students in need of financial aid.
- The O. D. Harrison Scholarship.* Established in 1965 by Mrs. O. D. Harrison.
- The Guy Hicks Scholarship.* Established in 1965.
- The Hattie Lee Monkhouse Mellor Memorial Scholarship.* For worthy students showing academic ability and leadership potential.

The John O. Thompson Scholarship. Established in 1960 by Mr. and Mrs. John O. Thompson.

Annual Gift Awards

The Grace Mims Allums Scholarship. Given by the Southern Literary Club for a worthy freshman student of high scholastic standing.

The Altrusa Club Scholarship. For a girl of outstanding ability in need of financial aid. She must be a resident of Louisiana.

Douglas Attaway Scholarship. Established in 1957 by the Shreveport Kiwanis Club. For a worthy student of acceptable scholastic standing in need of financial assistance.

Centenary Alumni Association Scholarship. A full tuition grant awarded annually to an outstanding incoming student.

The Beta Study Club. For a deserving girl in need of financial aid.

The Career Women of Shreveport. For a worthy young woman.

The Centenary Women's Club Scholarship. Four scholarships given annually, one for a dramatics student, one for a member of the choir, and two to outstanding students in need of financial aid.

The Oscar Cloyd Scholarship. For a student majoring in Religious Education who is in financial need.

The Delma Dawson Sunday School Class Scholarship. For a deserving girl in need of assistance.

The Elks Club Scholarship. Given annually to a student of the Club's decision.

The Fifty-Fifty Scholarship. For a student intending to enter the full-time Christian ministry, or for a student in the School of Music in need of financial aid. Established by the Fifty-Fifty Class in Baton Rouge, Louisiana.

The Katherin J. French Memorial Scholarship. For a girl of outstanding ability, majoring in English and preferably intending to teach.

The Gleaners' Class Scholarship of the First Methodist Church, Shreveport. For assistance to pre-theological students.

The Reginald H. Hargrove Memorial Scholarship. To be granted to a student with high scholastic standing in financial need.

The J. H. Hearne Ministerial Scholarship. For Methodist ministerial students.

The Honor Scholarships. Given by the college to National Merit Finalists and other students with high scholastic standing.

The G. W. James Scholarship. For a needy student. Given by Mr. & Mrs. G. W. James of T. L. James & Co. of Ruston, Louisiana.

- The Jesse H. and Mary Gibbs Jones Scholarships.* For students of outstanding ability.
- The Joseph Homer and Julia Bourquin Jordan Scholarship.* For needy students of high scholastic standing.
- The James R. Keller Memorial.* Given to a worthy student who is Protestant and a Shreveport resident.
- The Mid-City Kiwanis Club Scholarship.* For needy students.
- Laymen's Scholarship.* Awarded by Methodist laymen to a girl of high scholastic standing majoring in Christian Education.
- Louisiana Land and Exploration Scholarship.* Two scholarships awarded yearly, one to a senior student majoring in geology, and one to an outstanding member of the senior class. Male students of superior scholastic ability with qualities of leadership who have given evidence of financial need are eligible.
- National Methodist Scholarships.* Given through the Board of Education of the Methodist Church.
- The W. G. Phelps Scholarship.* Given by the Broadmoor Men's Class for a worthy and needy student of high scholastic standing.
- The Presser Foundation Scholarship.* For an outstanding student who expects to become a teacher of music.
- The Rotary Club—Downtown Shreveport.* For students from local high schools who need financial assistance.
- The Saint Paul's Episcopal Church Scholarship.* For students belonging to the Episcopal Church.
- The Shreveport Symphony-Centenary College Scholarships.* For talented players of orchestra instruments.

Loan Funds

The following may also be of financial assistance to students:

- National Defense Loans.* For American nationals in financial need. Repayment must begin nine months after graduation or after student withdraws from school. Maximum loan is \$1,000 per academic year. Student must maintain a scholastic average of 2.5.
- Louisiana Higher Education Assistance Commission Loans.* For residents of Louisiana in financial need. Repayment must be made within a maximum of six years after graduation or withdrawal. Maximum loan is \$1,000 per academic year. Student must maintain a 2.0 academic average.
- United Student Aid Fund Loans.* For sophomore, junior, and senior students in financial need. Repayment must begin five months after graduation and must be complete thirty-six months after graduation. Maximum loan is \$1,000 per academic year. Student must maintain a scholastic average of 2.0.

The Methodist Student Loan Program. For students who are members of The Methodist Church and in need of assistance. Repayment must begin not later than six months after the student discontinues full-time attendance. Interest is 1% while student is in school, 3% thereafter. Student must have and maintain a grade point average of 2.0.

Centenary also has several private loan funds intended to meet personal emergencies of a temporary nature. Students who wish to apply for loans should write the Student Aid Officer, Centenary College of Louisiana.

EVALUATING FINANCIAL NEEDS

Financial assistance, whether in the form of scholarship, grant, loan, or employment, is awarded upon dual considerations of academic excellence and financial need. The superior student with minimum resources receives maximum aid. Academic performance is primarily established through the student's previous transcripts from approved secondary schools or accredited colleges and universities. As a member of the College Scholarship Service, Centenary uses the Parents' Confidential Statement as a tool to help determine financial need. The College Scholarship Service is a co-operative activity for handling the confidential statements submitted by parents in support of application for financial assistance. Its members join in the belief that scholarships and other aid should be awarded only after careful consideration of the financial need of the students and their families. A Parents' Confidential Statement may be obtained from the student's high school guidance office or by writing to the College Scholarship Service, Box 176, Princeton, New Jersey 08540. The Statement should be filed before February 15 of the year in which the student will request aid.

In addition to the Parents' Confidential Statement, applicants for assistance must file another less detailed form which is obtained from and returned to the office of the Student Aid Officer.

Despite the sharply rising costs of education, Centenary feels that financial circumstances should not bar the academically qualified student from attending the college of his choice. Each applicant for assistance is treated individually in an effort to fuse scholarship, loan, part-time employment, and parental assistance into a monetary whole which will permit him to do his best work without undue financial stress.

Student Employment

Many students pay part of their college expenses by working in the library, offices, and laboratories, or by securing part-time employment in Shreveport. A student will rarely be able to earn all of his expenses while attending college. Those who carry heavy outside work to meet their expenses should carry a proportionately reduced academic load.

The College assists students to secure part-time employment through its Placement Office. This office will also assist graduates and former students to find employment which best uses their training and abilities.





PART III.
THE CURRICULUM

REQUIREMENTS FOR GRADUATION**Degree Requirements**

To qualify for the B.A. or B.S. Degree a student must:

1. Present no less than 124 semester credit hours of work with an average of two quality points per semester credit hour. Of these credit hours, 120 must be in subjects other than physical education activities, and the work of the senior year (totaling not less than thirty semester hours) must be taken in residence, except as hereinafter specified. If courses are repeated, both sets of quality points will be included in the average.

2. Present in addition to the 124 hours named above, an additional hour in General Education 121 (Assembly) for each semester in which he is enrolled as a full-time student. (This regulation applies to all students no matter under which year's catalog they first matriculate.)

3. Meet the basic requirements for the degree desired.

4. Meet the requirements for a departmental or a divisional major.

5. Maintain a quality point average of 2.00 or higher in courses taken in the department or division of the major and of 2.00 in all other work. Averages are figured on a four-point system.

6. File a degree plan in the Registrar's Office before the last semester of the senior year.

7. Be present at the commencement exercises to receive the degree conferred.

8. Discharge all financial obligations to the college.

A graduate must meet the requirements of a catalog of a year of his attendance and within five years of his graduation.

To qualify for a second baccalaureate degree, a student must present at least thirty additional semester credit hours of work and must meet all requirements for a new major. At least twenty-four of these thirty hours must be taken in residence. The candidate must meet the requirements of the catalog of the year he enrolled for the second degree and must complete them within five years. No student is eligible for more than two undergraduate degrees at Centenary.

Proficiency in English

During the junior or senior year, all candidates for degrees must pass an English Proficiency Test consisting of a short theme on one of a choice of subjects. Students who fail this test are referred to members of the English Department for counseling. These students must take the test again and pass it.

Foreign Language Requirements

Candidates for the B.S. Degree in Business, Education, Engineering Sciences, and Physical Education can satisfy the requirements with one year of foreign language in college. All other candidates for B.A. and B.S. Degrees will be required to complete the second year, that is, courses numbered 201-202, of a foreign language; when two years of a foreign language have been taken in high school, this requirement can be met without taking the first year of college work.

Courses Required of All Students (Core Curriculum)

Prescribed work includes sixty semester hours. Members of churches which specifically forbid the study of religion at a Protestant institution may be allowed to meet the religion requirement by taking six hours of work chosen from Philosophy 301 or 302, or English 313. Candidates for the B.S. degrees in Business, Education, Engineering Science or Physical Education may meet the language requirement by taking a minimum of one year of foreign language in college.

English 101-102, 201-202	12 hrs.
Religion 101-102	6 hrs.
Natural Science with Laboratory	8 hrs.
Mathematics (3 hrs. in 105 or higher)	6 hrs.
Physical Education	4 hrs.
Social Science	12 hrs.
Foreign Language 201-202	6 hrs.
Speech 200	3 hrs.
Great Issues (General Education 402)	3 hrs.
	<hr/> 60 hrs.

Graduate Record Examinations

All seniors are required to take the Graduate Record Examinations. There are three tests, the Aptitude, the Area and the Advanced. The charge for these examinations is included in the graduation fee. The College administers them as a convenience and a saving to the student. Any student who fails to take the examinations at a time scheduled by the College may take them at a time scheduled by the Educational Testing Service and supply the College with a report of his scores.

RECOMMENDED COURSE OF STUDY FOR FRESHMEN**Recommended Course of Study for Freshmen**

During the freshman year a student does not have to specialize. All of the subjects normally taken are courses which will be needed no matter what major is elected.

Therefore, it is not necessary to have decided on a major when beginning college work. Even where a major has been decided upon, the faculty counselor will allow or recommend certain variations.

Although exceptions will be allowed, some of which are listed below, the general recommended course for freshmen is:

English 101 and 102	6 hrs.
French, German, Spanish or Latin	8 hrs.
Mathematics	6 hrs.
Chemistry, Biology, or Geology	8 hrs.
Physical Education	2 hrs.
	<hr/> 30 hrs.

Exceptions

1. When a student arrives at Centenary, he is given placement tests. With these test scores and with his high school record, a faculty member will confer with him before registration. If it appears that the general recommended course is not advisable in a particular case, he will suggest that the student postpone one of those courses until later, and take instead a course in history, speech, or whatever may best suit his interest and preparation.

2. For certain areas of interest, it is important to take specified courses in the proper order. Note the suggestions given on page 109 concerning pre-professional programs.

3. Every effort is made to keep the schedules flexible in a way that will make work most interesting and profitable. The faculty advisor, just before registration, will help in this matter.

MAJORS FIELDS OF SPECIALIZATION

A student who plans to become a candidate for a degree must by the beginning of his junior year select a field of specialization, commonly called a major. It may be selected in either a department or in a division. The selection must be approved by the head of the department or the division concerned, who will then appoint a faculty advisor appropriate to the choice.

A departmental major consists of courses within one department totaling from twenty-four to forty semester credit hours plus courses in one or more related subjects selected in conference with the head of the major department, and totaling from twelve to thirty semester credit hours.

A divisional major consists of courses within one division totaling some seventy semester credit hours and including such subjects and courses as are prescribed below under the divisional statements. The divisional major is designed for students who wish a broad background

in a general area of knowledge rather than specialized training in a single subject. Students who plan to take graduate study in schools of business, education, engineering, law, medicine or theology may find the divisional major suited to their needs. It is also recommended for those whose future plans do not require intensive study in a single limited area of knowledge.

Majors are offered in the three divisions and in the Departments of Art, Biology, Business, Chemistry, Economics, Education, English, Foreign Languages, Geology, History and Government, Mathematics, Philosophy, Physical Education, Physics and Engineering Sciences, Psychology, Religion, Speech and Drama, and the School of Music.

WASHINGTON SEMESTER

Centenary is one of the institutions participating in the Washington Semester program which enables selected students to spend a semester of their junior year at the School of Government and Public Administration of The American University in the nation's Capital.

The program provides an opportunity for students to observe their government in action, to perform individual research under careful supervision, and to exchange ideas with students from many other institutions.

Each student participates in the Washington Semester seminar, works on an individual project and may elect three courses to complement his program. The project and courses are selected after consultation with the student's faculty advisor at Centenary. Credit for the semester is granted by Centenary.

MEXICO: The Summer Session at Monterrey

Centenary students and other college students recommended by their institutions may apply for admission to the summer session at the Instituto Tecnológico, in Monterrey, Mexico. Six semester hours of college credit may be earned in any level of Spanish, history, economics, sociology, and other subjects. The work is accredited by the Southern Association of Colleges and Schools. The group is accompanied by Dr. Leroy Vogel, from whom information and application forms may be obtained.

COURSES OF INSTRUCTION

On the pages that follow, the courses which a student may take are listed. Not all courses are offered every semester. Before the date of registration, a schedule of classes is published which lists each course to be offered that session, together with its hour, days, and place of meeting.

Courses numbered from 100 to 199 inclusive are ordinarily taken in the freshman year; those numbered 200 to 299, in the sophomore

year; those numbered from 300 to 399, in the junior or senior; and those from 400 to 499, in the senior year. A few courses with numbers beginning with zero carry no college credit.

Courses that are normally offered in the first semester bear odd numbers; those normally offered in the second semester, even numbers.

Courses that bear a single number continue for one semester only; courses that bear a double number continue through two semesters (one year).

Year courses organized so that the student may enroll in and receive credit for either half without the other bear double numbers separated by a comma—for example, “History 205, 206.” Year courses requiring the first half as prerequisite for the second bear double numbers separated by a hyphen, for example, “Chemistry 101-102.” Year courses so closely integrated that both halves must be completed before credit is received in either bear double numbers separated by hyphens and enclosed in parentheses, for example, “Spanish (101-102).”

Certain courses carry three figures relating to hours, for example in Biology, “306. Microbiology. 3-3-4.” The first figure designates the number of lecture hours a week; the second, the number of laboratory hours a week; the third, the number of semester hours credit granted for the course.

The number of semester credit hours specified in the catalog description of the course is the number that can be earned in one semester. If the course is pursued successfully for the whole year, twice the number of hours listed in description will be earned.

ART

Department Head: Associate Professor Cooper

Miss Friedenberg, Mr. Sutton

The Art Department is an integral part of the liberal arts program and, as such, is not intended to take the place of a professional art school. Its aim is to give the student sound training in drawing, painting, art history, and technique, and to encourage creative thinking and productivity. The program is based on the conviction that such a broad background of basic knowledge will greatly increase the possibility of full expression.

MAJOR: B.A. in Art. Thirty-eight semester hours including the following studio courses which should be taken consecutively; 103-104, 203-304, 303-304, 401-402 and 403. The remaining hours are taken in art history, the graphic arts, and materials and techniques. In addition, 2 hours of music and 6 hours of speech and drama must be

selected. The requirements in music and drama may be met by Fine Arts Survey 197, 198.

01. CERAMIC JEWELRY. No credit.

Pouring, glazing and firing ceramic jewelry and some instruction in the use of a press mold. Offered in the Evening Division.

101. SURVEY HISTORY OF ART. 3 hours. Yearly.

An historical survey of painting, architecture, and sculpture from pre-historic times to the Italian Renaissance.

102. SURVEY HISTORY OF ART. 3 hours. Yearly.

A history from the Italian Renaissance to the contemporary schools in Europe and the United States.

103-104. DRAWING AND COMPOSITION FOR BEGINNERS. 3 hours. Yearly.

Basic training stressing draftsmanship and the elements of picturemaking. Drawings done in black and white, and in color. Outside compositions done for a weekly criticism class. This course, or its equivalent, is prerequisite to all advanced drawing and painting courses. Six studio hours a week.

105-106. INTRODUCTION TO ART. 3 hours. Yearly.

A beginner's course for students whose field of concentration lies in other departments and who have had no previous training in art. Not open to art majors or to those who have had 103-104. Six studio hours a week.

107. ART APPRECIATION. 1 hour. Each semester.

A non-technical course for the general college student. No credit toward an art major. Arts of the past and present studied in relation to their social and cultural backgrounds.

203-204. ADVANCED DRAWING AND COMPOSITION. 3 hours. Yearly.

The essentials are still stressed with more experiments with different media and methods of expression. Outside compositions done for a weekly criticism class. Six studio hours a week.

205-206. ADVANCED PAINTING IN WATER COLORS. 3 hours.

Six studio hours a week.

208. INTERIOR DESIGN AND DECORATION. 3 hours. Each semester.

An historical survey of interior design from ancient Egypt to the present day, with special emphasis on the styles and trends of each of the well-known periods. The course is primarily academic, but some laboratory work is required.

209. COMMERCIAL ART. 3 hours.

Offered in the evening division.

301, 302. GRAPHIC ARTS. 3 hours. Yearly.

Prerequisite: Art 204 or instructor's approval.

A study of the processes involved in the making and printing of etchings, woodcuts, linoleum block prints, and lithographs, with lecture and studio practice. Three hours a week with outside work.

303-304. PAINTING. 3 hours. Yearly.

Proficiency in the use of oil paints is regarded as basic, but the student is encouraged to experiment with other media. Outside compositions will be brought in each week. Six studio hours a week.

305. **HISTORY OF AMERICAN ART.** 3 hours. Each semester.
The cultural and artistic development of our nation over the last 400 years as expressed in painting, sculpture, architecture, graphic arts, the decorative arts, and city planning.
307. **MATERIALS AND TECHNIQUES.** 3 hours.
Prerequisite: 204 or instructor's approval.
A systematic study of the less common methods of painting, including encaustic, polymer, egg-tempera, casein, and plastics, and an examination of the techniques of some of the Old Masters. Lecture, studio, and outside work.
- 401-402. **ADVANCED PAINTING.** 3 hours. Yearly.
During the final year the student is encouraged to develop a personal philosophy of painting. Instruction will depend largely upon the needs and natural inclinations of the individual student. Each student will have a Senior Exhibit of his best work. Outside compositions will be brought in each week. Six studio hours a week.
403. **ART SEMINAR.** 2 hours. Second semester.
Prerequisite: Instructor's approval.
A review of the history of art, and the facts and principles which are emphasized in all of the courses required for a major in art.
- 421-422. **HONORS COURSE IN ART.** 3 hours.
Open to qualified art majors. Work may be done in research and reading, or in painting. The student will follow a work plan arrived at in co-operation with the head of the department, and must consistently furnish evidence of seriousness of purpose.

BIOLOGY

Department Head: Professor Warters
Associate Professor Spears, Associate Professor Wilkins,
Mrs. McFarland, Mrs. Montgomery

The courses in this department are designed to emphasize the general cultural values of the biological sciences and the practical aspects of biology as related to man, as well as to provide a broad background for graduate study in this science or for the numerous professions related to this field of study.

MAJOR: B.S. in Biology. Thirty-four semester hours in biology of which sixteen must be in courses numbered 300 or above. Biology 101-102 is required for all courses in the department. Additional requirements: Mathematics 106, 201 and 202, Chemistry 201-202 and 215, Physics 208, 209 or 223, 224.

- 101-102. **PRINCIPLES OF BIOLOGY.** 3-0-3 hours. Yearly.
A study of general principles and phenomena common to both plants and animals. Emphasis is placed on the cell concept, metabolism and its physical and chemical basis, the morphology and life history of representative plants and animals, ecology, heredity and evolution.
- 111-112. **PRINCIPLES OF BIOLOGY LABORATORY.** 0-3-1 hours. Yearly.
A laboratory course required of all students enrolled in Biology 101-102 and to be taken concurrently.

201. **PLANT MORPHOLOGY.** 3-3-4 hours. Yearly.
A phylogenetic study of plants from the simpler to the more complex specialized forms. Comparison of plants through the ages, living and fossil relationships, emphasizing development and reproduction of the plant body.
202. **PLANT TAXONOMY.** 3-3-4 hours. Yearly.
A course in the identification and classification of plants native to this area or found in local cultivation.
203. **COMPARATIVE ANATOMY OF VERTEBRATES.** 2-6-4 hours. Yearly.
A comparative study of the vertebrate systems and their phylogenetic development. Dissections are made of the shark, **mudpuppy** and cat.
204. **EMBRYOLOGY.** 3-3-4 hours. Yearly.
Gametogenesis, fertilization and early embryonic development of chordates; vertebrate ontogeny as seen in the chick and pig.
210. **INTRODUCTION TO ENTOMOLOGY.** 3-3-4 hours. 1967-1968 and alternate years.
A survey of class *Insecta* with emphasis on the identification and control of insects which affect the health of man, and of those insects which are of economic importance to the South.
217. **HUMAN ANATOMY AND PHYSIOLOGY.** 3-3-4 hours. Yearly.
A basic course designed especially for students interested in physical education, medical technology, physical therapy, and nursing.
302. **MICROTECHNIQUE.** 2-6-4 hours. 1966-1967 and alternate years.
Preparation of tissues for microscopic study.
303. **PLANT PHYSIOLOGY.** 3-3-4 hours. 1966-1967 and alternate years.
Prerequisite: Chemistry 101-102, 111-112.
A study of nutrition, growth and reproduction of plants and their physiological response to environment factors.
304. **INVERTEBRATE ZOOLOGY.** 3-3-4 hours. 1966-1967 and alternate years.
The taxonomy, morphology, physiology, and life histories of the invertebrate animals.
305. **ECOLOGY.** 3-3-4 hours. Yearly.
Prerequisite: Chemistry 101-102, 111-112.
A study of the interrelations of living things with reference to their non-living environment.
306. **MICROBIOLOGY.** 3-3-4 hours. 1967-1968 and alternate years.
Prerequisite: Chemistry 101-102, 111-112.
A general course dealing with the morphology and physiology of microorganisms, including their relation to disease, sanitation, food preservation, dairy products, soil fertility, and industry. Some consideration is given to pathogenic fungi and to viruses.
313. **GENETICS.** 3-3-4 hours. Yearly.
Principles of heredity and their practical application in the breeding of plants and animals.
402. **HUMAN PHYSIOLOGY.** 3-3-4 hours. 1966-1967 and alternate years.
Prerequisite: Biology 203; Chemistry 202.
Fundamental principles and recent advances in the study of human physiology.

406. **HISTOLOGY.** 3-3-4 hours. 1967-1968 and alternate years.
Prerequisite: Biology 203 or 217.
Microscopic study of the tissues and organs of the human body.
407. **MYCOLOGY.** 3-3-4 hours. 1967-1968 and alternate years.
Prerequisite: Biology 202, or consent of the instructor.
Morphology and taxonomy of the fungi with emphasis on the pathogens and the methods of their control.
- 409, 410. **BIOLOGY PROBLEMS.** 1, 2 or 3 hours.
Prerequisite: 20 hours of biology and consent of staff.
Special problems in biological investigations designed to introduce the student to biological research. A written report required.

MEDICAL TECHNOLOGY

MAJOR: B.S. in Medical Technology. Twenty-four semester hours in biology of which eight must be in courses numbered 202 or above and eight in courses numbered 302 or above. Additional requirements: Chemistry 201-202 and 215, Mathematics 101 and 106, Physics 101-102.

Students who qualify for this degree must satisfy all requirements of the core curriculum and must satisfactorily complete 12 months of work in a hospital school approved by the American Society of Clinical Pathologists and by Centenary College. The three-year college program must be done in residence.

BUSINESS

See Economics and Business, p. 42

CHEMISTRY

Department Head: Associate Professor Hanson
Associate Professor S. A. Taylor, Assistant Professor Seidler,
Mr. Tully

The Chemistry Department serves three types of students: first, those who plan to become professional chemists; second, those who expect to use chemistry in other professions or occupation; third, those who desire a science course for general education and for training in scientific methods of thought. Centenary College is one of the limited number of colleges approved by the American Chemical Society for the training of chemists.

MAJOR: B.S. in Chemistry. Chemistry 202, 206, 215, 352, 354 and their prerequisites; two additional semesters of advanced chemistry; mathematics through differential equations; Physics 202; German 202;

and the core curriculum requirements in the social sciences and humanities.

101-102. GENERAL CHEMISTRY. 3-0-3 hours. Yearly.

First semester: The general foundations and principles of chemistry.
Second semester: The consideration of the more important elements and their compounds. Either of these semesters may be waived for students who prove that they are prepared to take more advanced work.

105. INTRODUCTION TO CHEMISTRY. 3-0-3 hours. Each semester.

A study of the general foundations and principles of inorganic and organic chemistry. Open to non-science majors. Only for those who have not had high school chemistry. May not substitute for Chemistry 101.

111-112. GENERAL CHEMISTRY LABORATORY. 0-3-1 hours. Yearly.

Individual laboratory work designed to accompany courses 101-102.
The second semester's work includes qualitative analysis.

115. INTRODUCTION TO CHEMISTRY LABORATORY. 0-3-1 hours. Each semester.

Laboratory to accompany Chemistry 105. Experiments are designed to acquaint the student with the scientific method and with the general principles of organic and inorganic chemistry. May not substitute for Chemistry 111.

201-202. ORGANIC CHEMISTRY. 3-3-4 hours. Yearly.

Prerequisite: Chemistry 102 and 112.

A systematic study of the various series of organic compounds. Mono-functional compounds are covered in the first semester; di- and poly-functional compounds are studied in the second semester. The laboratory work is on a semimicro scale and includes introductory qualitative organic analysis.

206. ORGANIC CHEMISTRY LABORATORY. 0-3-1 hours. Yearly.

Additional laboratory work to accompany course 202.

215. ANALYTICAL CHEMISTRY. 3-6-5 hours. First semester yearly.

The theory of analytical separations and the qualitative and quantitative determination of the components of mixtures by selected gravimetric, volumetric, and instrumental methods of analysis.

351-352. PHYSICAL CHEMISTRY. 3-0-3 hours. Yearly.

Prerequisite: Chemistry 215, integral calculus, and Physics 202.

An introduction to the laws that explain the properties of gases, liquids, crystals, and colloids, and the behavior of their mixtures; chemical thermodynamics; kinetics; electrochemistry; photochemistry; atomic and molecular structures.

353-354. PHYSICAL CHEMICAL LABORATORY. 0-3-1 hours. Yearly.

Laboratory work designed to accompany Chemistry 351-352.

421. QUALITATIVE ORGANIC ANALYSIS. 2-6-4 hours. Yearly.

Prerequisite: Chemistry 202 and 426.

A study of the theory and practice of identifying organic compounds and the separation of mixtures. Semimicro procedures are used for both chemical and instrumental methods.

422. INORGANIC CHEMISTRY. 3-0-3 hours. Yearly.

Prerequisite: Chemistry 352 or concurrent registration in 352.

A senior-level course dealing with the properties of the elements and selected compounds.

426. **ADVANCED ANALYTICAL CHEMISTRY.** 3-6-5 hours. Yearly.
 Prerequisite: Chemistry 215 and 352 or concurrent registration in 352, Physics 202.
 The theory and practice of instrumental methods of analysis, including visual and flame spectrophotometry, infrared spectrophotometry, polarography, electrotitrations, and compleximetric titrations.
427. **SPECIAL PROBLEMS IN CHEMISTRY.** 1-6-3 hours.
 Open to chemistry seniors with the consent of the instructor. A written report required based on the library and laboratory work done.

DRAMA

See Speech and Drama, p. 91

ECONOMICS AND BUSINESS

Acting Department Head: Professor Marsh

Professor Pate, Assistant Professor James M. Harris, Assistant Professor Menefee, Assistant Professor McPherson, Mr. Adamczak, Mr. Adams, Mrs. Bell, Mr. Burns, Mr. Cole, Mr. Cook, Mr. Hardy, Mr. James H. Harris, Mr. Holland, Mr. McDonough, Mrs. McPherson, Mr. Patterson, Mr. Petersen, Mr. Shivers, Mr. Trichel, Mr. Williford, Mr. Wilson.

ECONOMICS

The economics major offers training for the citizen who to a degree must be an economist in his daily life; for the businessman who must make decisions in the light of economic developments; and for the economist who is concerned with the manner in which the economic system as a totality operates.

MAJOR: B.A. in Economics. Thirty semester hours in economics, Business 103-104, and approval of course of study by departmental advisor. Business 346, 425, and 426 may be used to satisfy major requirements in economics. Economics 201-202 are prerequisite for all courses except 123 and 204.

123. **ECONOMIC HISTORY OF THE U. S.** 3 hours. 1967-1968 and alternate years.

A survey course which traces the development of agriculture, industry and commerce in U. S. history.

- 201-202. **PRINCIPLES AND PROBLEMS OF ECONOMICS.** 3 hours. Yearly.
 First semester: Economic concepts, basic principles and laws, institutional development and economic analysis. Second semester: Application of economic theory to problems of human welfare and the development of economic institutions.

204. **PRINCIPLES OF ECONOMICS.** 3 hours. Yearly.
A one-semester survey course designed to provide a general knowledge of the economic aspects of our society. Not open to business and economics majors.
305. **ELEMENTARY STATISTICS.** 3-2-4 hours. Yearly.
Frequency distribution analysis, time series analysis, index numbers and simple correlation. Recommended for majors in education, psychology, sociology and business.
324. **LABOR PROBLEMS.** 3 hours. 1967-1968.
A study of the development and place of organized labor in modern economic society.
326. **PUBLIC FINANCE.** 3 hours. 1967-1968.
A study of governmental expenditure, debt and taxation policies.
328. **PUBLIC UTILITIES.** 3 hours.
Difference between competitive enterprise and public utility companies. Principles of regulation of utilities. Public and private ownership of utilities. Evening Division only.
329. **MONEY AND BANKING.** 3 hours. Yearly.
The structure and operation of our money and banking institutions, with emphasis on the place of money and banking in the economic life of the community.
430. **BUSINESS FLUCTUATIONS.** 3 hours. 1966-1967.
Economic fluctuations—possible causes and cures.
440. **INTERNATIONAL ECONOMICS.** 3 hours. 1966-1967.
Analysis of foreign trade and finance in terms of today's economic and political institutional structure.
470. **ECONOMICS SEMINAR.** 1 to 3 hours.
A reading and research course open to qualified seniors by special permission.

BUSINESS

There is general agreement today that the businessman needs training in the liberal arts. Courses in the humanities, in mathematics and natural sciences, and in the social sciences equip the business man with the analytical ability and the breadth and flexibility of mind necessary to cope with "a technological, social, economic and political environment that changes with bewildering rapidity."

Accordingly, Centenary deemphasizes "training for the first job" because of the danger of concentration on a narrow range of factual knowledge and the development of largely routine skills, none of which might be useful except in certain specific jobs using specific techniques. The narrower the student's training the less equipped he will be to cope with change and to learn from experience on the job.

In the courses designed to train the student in the area of business, Centenary, therefore, places emphasis on a broad base of fundamental knowledge and the development of certain basic skills on which the student can build through experience obtained after college. To this

end we recommend that the student limit his business courses to (1) the basic skill courses of principles of accounting, communications, statistics, and business law and (2) the broad integrated courses which provide the fundamental principles on which business decisions must be made, regardless of the job—principles of management, principles of marketing, and (in the area of private finance) money and banking, and corporation finance.

MAJOR: B.S. in Business. The core curriculum, except that only one year of foreign language is required, thirty hours of business (103-104 and 323-324 must be included) of which 18 must be at the 300-400 level, and Economics 201-202. Economics 305, 324, 329, 430, 440, 470 may be used to satisfy the thirty-hour business requirement. The balance of the 124 hours required for graduation should be chosen from the following recommended electives:

Humanities	Science and Mathematics	Social Science
English 309, 312	Chemistry 105	Government 201, 309, 310
Foreign language	Geology 101	History 313, 314, 321, 322
General Education 197, 198	Mathematics 202	Psychology 201, 311
Philosophy 201, 301, 302	Physics 112	Sociology 103

Prerequisite policy: Approval of instructor. Courses at the 300 and 400 level require Business 103-104 and Economics 201-202.

(103-104.) **PRINCIPLES OF ACCOUNTING.** 3 hours. Yearly.

An introductory course to familiarize the student with the basic forms and procedures, and to give him a clear understanding of the entire accounting field.

205-206. **INTERMEDIATE ACCOUNTING.** 3 hours. Yearly.

The principles of balance sheet valuation and profit determination. Emphasis on matters of fundamental accounting theory.

241. **ADVERTISING.** 3 hours. Yearly.

Survey of advertising procedure, covering elements of good copy and layout, printing and engraving principles, advertising media, markets, copytesting.

242. **BUSINESS CORRESPONDENCE.** 3 hours. Yearly.

Study and practice in writing correct and forceful business letters and reports.

307. **ADVANCED ACCOUNTING.** 3 hours. Yearly.

An advanced course presenting the accounting problems in consolidated statements, partnerships, installment sales, consignments, branch offices and fiduciaries.

309. **COST ACCOUNTING.** 3 hours. Yearly.

An introductory course covering the accounting for materials, labor and burden under job-order cost systems and process cost systems for the manufacturing concern.

311. **AUDITING.** 3 hours.

The problem of modern auditing, designed to meet the current demands for skilled public accountants.

314. **INCOME TAX PROCEDURES.** 3 hours.
State and Federal income tax laws and procedures, as related to filing of corporation, partnership and fiduciary tax returns and relationship of accounting policy of a business to its income tax liability.
321. **PRINCIPLES OF MANAGEMENT.** 3 hours. Yearly.
A survey of the fundamentals of managerial problems.
- 323-324. **BUSINESS LAW.** 3 hours. Yearly.
A study of the legal aspects of business transactions.
346. **PRINCIPLES OF MARKETING.** 3 hours. Yearly.
A study of marketing functions, agencies, costs, pricing policies, advertising, chain-store distribution, the supermarket and cooperative marketing.
425. **CORPORATION FINANCE.** 3 hours. Yearly.
A study of the promotion, incorporation, and financing of modern business.
426. **INVESTMENTS.** 3 hours. 1966-1967.
A study of the principles and problems determining sound investment policy.

EVENING DIVISION COURSES

Courses are offered on demand. Prerequisite for credit: Approval of instructor.

- 04-05. **C. P. A. REVIEW.**
A non-credit course designed as a review covering the four phases of the C.P.A. examination.
- 207-208. **PETROLEUM ACCOUNTING.** 3 hours.
A specialized course in petroleum accounting presenting methods and procedures used in the oil and gas industry.
- 209-210. **PUBLIC UTILITY ACCOUNTING.** 3 hours.
A course designed to acquaint the student with accounting procedure followed by natural gas, electric, and telephone companies.
301. **REAL ESTATE PRINCIPLES.** 3 hours.
A survey course dealing with the fundamental branches of real estate, including advertising, selling, financing, building construction, building management, and settlement. Offered in cooperation with the Shreveport-Bossier Board of Realtors.
310. **INTERMEDIATE COST ACCOUNTING.** 3 hours.
Advanced process cost procedures: "expected" and "basic" cost systems; special procedures for accounting for avoidable and unavoidable spoilage; fundamentals of direct costing.
320. **PERSONNEL MANAGEMENT.** 3 hours.
A survey of the organization and administration of personnel departments, education and training policies, wage policies, and the maintenance of favorable industrial relations.

322. SMALL BUSINESS OPERATIONS. 3 hours.

Organization and operation of a small business, including capital and credit and managerial problems.

343. SALESMANSHIP. 3 hours.

Techniques of selling related to buyer and seller.

348. CREDIT AND COLLECTIONS. 3 hours.

The fundamentals of credit policy.

EDUCATION AND PSYCHOLOGY

Department Head: Professor MacCurdy

Associate Professor Touchstone, Assistant Professor Hughes, Assistant Professor Snelling, Assistant Professor Stringfellow, Miss Arnold, Dr. Bird, Miss Cheros, Mrs. Casavant, Mr. Green, Mrs. Layton, Mrs. Locke, Dr. Lucar, Dr. Posey, Mrs. Riser, Mr. Rosenzweig.

EDUCATION

The Department of Education and Psychology has responsibility for the teacher-education curriculum of the college, and provides elective courses for those interested. Its goal is to produce teachers who are professionally prepared, rich in the liberal arts, knowledgeable in the issues of democracy, and strong morally.

The teacher-education program of the department meets the requirements of Louisiana law. Candidates for teaching certificates in the state fulfill the requirements for elementary or high school certificates. The student teaching required for certification is done in schools in the area. The department provides a Teacher Placement Bureau for all who are registered in the program.

College graduates who wish to do post-graduate work to become certified teachers or any other teacher education students not already admitted to the college, who wish to have their credentials evaluated, must pay a fee of \$15.00 for this service. Payment of this fee also entitles the student to be listed with the Centenary Teacher Placement Bureau.

MAJOR: Completion of a curriculum in teacher education. A plan for certification in elementary education is outlined on page 96. Certification in a secondary education subject may be earned by following a curriculum on pp. 100-102. Students may qualify for the B.A. or the B.S. degree by satisfying the appropriate core curriculum requirements.

Certification requirements: The core curriculum plus 4 more hours of natural science.

Teaching major and electives: The total of hours varies with departments but does not exceed 44 hours in any major except music.

An "area of concentration" in academic subjects is encouraged in elementary education.

Professional Education: The courses required in most certification programs are as follows, though elementary and music requirements differ slightly:

Education	102	Foundations of Education	3 hrs.
Education	200	Educational Psychology	3 hrs.
Psychology	302	Adolescent Psychology	3 hrs.
Education	321	Methods	3 hrs.
Education	410	Seminar	1 hr.
Education	422	Student Teaching	6 hrs.
TOTAL			19 hrs.

Administrative requirements:

All students planning to certify as teachers must by the end of the sophomore year petition the selective Admissions Committee of the Teacher Education Advisory Council for acceptance into the Department of Education. They must meet certain requirements of grade average, oral and written communication, health, and appearance as determined by the Admissions Committee. No student will be allowed to enroll in Education 311, 312, 321, 400, 401, 410, 422 or Music 321, 421, 423, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440 until approved by the Committee.

102. FOUNDATIONS OF EDUCATION. 3 hours.

A study of minor movements and issues in education.

200. EDUCATIONAL PSYCHOLOGY. 3 hours. Each semester.

Required for certification of all teachers. A study of the psychological adjustment of the typical student in American schools. Oriented toward the problems of the usual classrooms by observations.

205. CHILDREN'S LITERATURE. 3 hours. Each semester.

Prerequisite: Education 102.

A study of selection and evaluation of children's books as to format, content, style, and age-group interest of the child. Class activities in story-telling, reading, puppetry, dramatization, and choral speaking.

206. ARTS AND CRAFTS FOR TEACHERS. 3 hours. Each semester.

Prerequisite: Education 200 or instructor's approval.

A development of basic skills in handicrafts, basic concepts, and techniques in art for the elementary school. May be counted as art course for teachers only.

300. AUDIO-VISUAL AIDS IN TEACHING. 3 hours. Each semester.

Prerequisite: Education 200 or instructor's approval.

A study of the use of radio, transcription, films, still pictures, slides, charts, globes, etc., as learning aids. Required for certification in many states. Individual laboratory work by arrangement.

311-312. ELEMENTARY SCHOOL CURRICULUM. 3 hours each. Each semester.

Prerequisite: Education 102, 200, Psychology 301, and acceptance by Admissions Committee. Must be taken in proper sequence.

A study of materials, methods, and problems relative to the development of the elementary school child. Classroom observation is included.

314. TEST AND MEASUREMENTS OF GROWTH IN LEARNING. 3 hours. Yearly.
Prerequisite: Education 200.
A study of measurements including standardized tests and the development of skills in constructing teacher-made tests. Required for certification in many states.
321. METHODS OF TEACHING IN THE SECONDARY SCHOOL. 3 hours. Each semester.
Prerequisite: Education 102, 200, and acceptance by Admissions Committee.
A study of education on the secondary school level with emphasis on materials and techniques in each field of specialization, including classroom observation.
400. STUDENT-TEACHING IN THE GRADES. 6 hours. Each semester.
Prerequisite: Education 102, 200, 311-312, Psychology 301.
Observation and teaching in grades 1 through 3.
401. STUDENT-TEACHING IN THE GRADES. 6 hours. Each semester.
Prerequisite: Education 102, 200, 311-312, Psychology 301.
Observation and teaching in grades 4 through 8.
410. SEMINAR. 1 hour. Each semester.
Problems of student-teaching. To be taken concurrently with student-teaching only.
411. TEACHING TECHNIQUES IN READING. 3 hours. Each semester.
The values, material, and techniques useful in a developmental reading program, with coverage of professional literature in the field of reading.
412. TEACHING SCIENCE IN ELEMENTARY SCHOOLS. 3 hours. Summer session.
Prerequisite: Education 311-312.
An understanding of the goals, principles, philosophy, activities, materials necessary to teach science in elementary schools. Practice in preparation and presentation of elementary science units.
422. STUDENT-TEACHING IN HIGH SCHOOL. 6 hours. Each semester.
Prerequisite: Education 102, 200, 321, Psychology 302.
Observation and practice teaching in the field of specialization.
423. PRINCIPLES OF GUIDANCE. 3 hours.
A study of the needs, purposes, and techniques in guiding and counseling school-age children with an emphasis on vocational guidance in the classroom. Required for certification in many states.
425. TEACHING THE GIFTED. 3 hours. Summer session.
Prerequisite: Instructor's approval.
Designed to achieve an understanding of the nature of the gifted child and the conditions necessary to nurture it to fulfillment in the schools and beyond the limits of the schools.
426. THE EXCEPTIONAL CHILD. 3 hours. First semester yearly.
Prerequisite: Psychology 301 or 302.
How to know and how to teach the slow learner, the hard of hearing, and the physically handicapped.
475. WORKSHOP IN EDUCATION. 1-6 hours. Summer session.
A course for group action using group dynamics about a specialized theme of study. To assist teachers in the study of problems within their system or field of work. For group members only. Evening Division only.

PSYCHOLOGY

Within the framework of natural science, psychologists attempt to understand human behavior by discovering functional relationships between behavior and conditions in the environment and the organism.

MAJOR: (1) Twenty-four semester hours in psychology: Psychology 201, 203, 303, 403 or 404, 407 or 410, additional semester hours in psychology courses numbered 300 or higher as approved by the advisor, and statistics, either Economics 305 or Mathematics 305. (2) Twelve semester hours in a related field approved by the major advisor (e.g., sociology, biology, economics). Core curriculum requirements must be met separately and all other requirements for a B.A. degree satisfied.

Biology 101-102, 111-112 are strongly recommended for prospective psychology students during their freshman year. Students who are considering entering graduate schools to major in psychology should enroll in French or German, as a reading knowledge of at least one foreign language is expected.

201. GENERAL PSYCHOLOGY. 3 hours. Each semester.

Introduces the study of human behavior in the areas of learning, personality, emotions, motivation, perception, etc.

203. ELEMENTARY LABORATORY IN PSYCHOLOGY. 2-4-3 hours. Yearly.

Prerequisite or corequisite: Psychology 201.

Laboratory study of fundamental psychological problems, with emphasis on the learning of methodology, reports, experiments and review of literature.

205. PSYCHOLOGY OF ADJUSTMENT. 3 hours. Second semester 1967-1968 and alternate years.

A study of mental health, personal adjustment problems, and self-management. Aims to help the student learn more about his problems in order to improve adjustment.

301. CHILD PSYCHOLOGY. 3 hours. Each semester.

Prerequisite or corequisite: Psychology 201 or Educational Psychology.

Required for certification of elementary teachers. A study of the mental, physical, and social-psychological development of the typical school child. Reports of observation of child behavior required.

302. ADOLESCENT PSYCHOLOGY. 3 hours. Each semester.

Prerequisite or corequisite: Psychology 201 or Educational Psychology.

Required for certification of secondary teachers. A study of the typical adolescent, his physical characteristics, emotions, interests, personality disturbances, adjustments, and problems. Reports of observation of adolescent behavior required.

303. PERSONALITY. 3 hours. Yearly.

Prerequisite: Psychology 201.

A survey of the field of personality emphasizing theories of the development of personality. Methods of studying personality considered along with observed evidence important to the theories.

304. ABNORMAL PSYCHOLOGY. 3 hours. Yearly.

Prerequisite: Psychology 201.

A study of abnormal behavior, emphasizing aspects of neuroses and

psychoses commonly seen. Development of abnormal behavior considered as well as modern treatment methods.

305. **SOCIAL PSYCHOLOGY.** 3 hours. Second semester 1967-1968 and alternate years.

Prerequisite: Psychology 201.

A study of the nature of social behavior; a psychological analysis of society and social institutions.

311. **INDUSTRIAL PSYCHOLOGY.** 3 hours. First semester 1967-1968 and alternate years.

Prerequisite: Psychology 201.

A survey of industrial applications of psychology, including a study of personnel selection, training, and placement; worker morale; worker motivation; fatigue; executive development; and work conditions as they affect the individual and his responses.

403. **EXPERIMENTAL PSYCHOLOGY I. LEARNING AND MOTIVATION.** 1-6-3 hours. Second semester 1967-1968 and alternate years.

Prerequisite: Psychology 201 and 203, Economics 305 or Mathematics 305.

Study of methods, findings, and interpretation of experiments in motivation, learning, problem solving, and performance. Actual experiments performed, and a minor original study required.

404. **EXPERIMENTAL PSYCHOLOGY II. SENSATION AND PERCEPTION.** 1-6-3 hours. Second semester 1966-1967 and alternate years.

Prerequisite: Same as for Psychology 403.

Same as Psychology 403, except studying the areas of sensation, perception, and psychophysical methods.

405. **PSYCHOLOGICAL MEASUREMENT.** 3 hours. Second semester 1966-1967 and alternate years.

Prerequisite: Psychology 201 and Economics 305 or Mathematics 305. Survey of problems and methods of measuring behavior. Emphasis on the concepts of reliability and validity. Some standardized tests examined as illustrations of mental measurement devices.

406. **PHYSIOLOGICAL PSYCHOLOGY.** 3 hours. First semester 1966-1967 and alternate years.

Prerequisite: Psychology 201 plus six hours of other psychology.

Study of the relationship between physiological processes and other behavior. Emphasis on study of the nervous system.

407. **SYSTEMS OF PSYCHOLOGY.** 3 hours. First semester 1966-1967 and alternate years.

Prerequisite: Psychology 201 plus six hours of other psychology.

A survey of the systematic points of view, theory, and relevance to present-day psychology.

410. **SEMINAR IN CURRENT LITERATURE IN PSYCHOLOGY.** 1 to 3 hours. Second semester yearly.

Prerequisite: Psychology 201 and approval of the instructor.

A study of current psychological literature.

ENGLISH

Department Head: Professor Morgan
Professor Clark, Professor Guerin, Professor Labor,
Mr. Buckner, Mr. McNair, Mr. Fackler, Mr. Robertson,
Mr. Willis

The purpose of courses in English is to develop skill in written communication and to develop critical judgment and appreciation of the work of major writers in relation to their social and intellectual background. The department prepares its majors for teaching in secondary schools and for admission to graduate schools.

MAJOR: B.A. in English. (1) In addition to the English requirements in the core curriculum or their equivalents, 18 semester hours of English and American literature in courses of 300 and 400 level. At least one course from each subdivision of I below and one course each from II and III are required.

I. English literature

- A. The Medieval Period (321, 401, 404)
- B. The Renaissance (309, 310, 316, 402, 404)
- C. The Restoration and 18th Century (317, 318, 330)
- D. The 19th Century (303, 304, 330)

II. American literature (305, 306, 311, 312, 405)

III. Elective (307, 311, 312, 322, 342, 406)

(2) General Education 197 or 198 is required. Majors expecting to go to graduate school are advised to take English 407. Majors expecting to teach at the secondary level should take 307 and 342.

101. FRESHMAN COMPOSITION. 3 hours. Each semester.

A course in the principles of expository prose, with emphasis upon reading and upon writing clear, logical, and correct prose in assigned themes.

102. INTRODUCTION TO LITERATURE. 3 hours. Each semester.

An introduction to representative types of fiction, drama, and poetry, with continuing emphasis on writing. Prerequisite: English 101.

143. DEVELOPMENTAL READING. 1 hour. Each semester yearly.

Development of good reading habits with the aid of the tachistoscope and a controlled reader. Emphasis on speed and comprehension.

201. MAJOR BRITISH WRITERS. 3 hours. Each semester.

Intensive study of selected writers from Chaucer through Pope.

202. MAJOR BRITISH WRITERS. 3 hours. Each semester.

Intensive study of selected writers from Samuel Johnson to the present.

303. ROMANTIC POETRY AND PROSE. 3 hours. 1967-1968 and alternate years.

A detailed study of the major Romantic poets and of selected prose works which set forth the critical and esthetic standards of the Romantic movement.

304. THE VICTORIAN PERIOD. 3 hours. 1967-1968 and alternate years.

A study of representative Victorian writers, exclusive of the novel.

305. SURVEY OF AMERICAN LITERATURE, 1630-1870. 3 hours. Yearly.

A survey of American writing from colonial times to about 1870, with attention to recent trends in the development of American literature.

306. SURVEY OF AMERICAN LITERATURE, 1870 to the present. 3 hours. Yearly.

A survey of American writing from about 1870 to the present, with attention to recent trends in the development of American literature.

307. HISTORY OF THE ENGLISH LANGUAGE. 3 hours. 1966-1967 and alternate years.

A survey history of the language and an introduction to linguistics. Particular attention paid to phonology, morphology, and syntax.

309. SHAKESPEARE: PLAYS AND SONNETS. 3 hours. Yearly.

A study in depth of eleven plays and the sonnets. The arrangement is basically chronological, and examples of histories, comedies, and tragedies are included.

310. SHAKESPEARE: PLAYS AND POEMS. 3 hours. 1966-1967 and alternate years.

A study of eleven plays not included in English 309, and of *Venus and Adonis* and other poems.

311. MODERN BRITISH AND AMERICAN POETRY. 3 hours. 1967-1968 and alternate years.

A detailed study of several important British and American poets whose works are representative of poetry in English in this century.

312. MODERN BRITISH AND AMERICAN FICTION. 3 hours. 1966-1967 and alternate years.

A close reading of the major novelists and short fiction writers of England and America, with particular attention to the developments in the form of fiction in this century.

313. THE ENGLISH BIBLE AS LITERATURE. 3 hours. 1966-1967 and alternate years.

A study of the Bible as a collection of literary masterpieces of many types and forms. (May, with permission of the Head of the Department of Religion, be used in lieu of Religion 101).

316. PROSE AND POETRY OF THE ENGLISH RENAISSANCE. 3 hours. 1967-1968 and alternate years.

A study of prose and non-dramatic poetry of the late 15th to mid-17th century, exclusive of Milton. Special attention is given to Spenser, Sidney, Bacon, Browne, and Burton, and to the schools of Jonson and Donne.

317. **THE AGE OF DRYDEN AND POPE.** 3 hours. 1967-1968 and alternate years.
A study of the representative literature of 1660 to 1744, exclusive of the novel.
318. **THE AGE OF JOHNSON.** 3 hours. 1966-1967 and alternate years.
A study of the representative literature of 1744 to 1798, exclusive of the novel.
321. **PRE-RENAISSANCE CLASSICS IN TRANSLATION.** 3 hours. 1966-1967 and alternate years.
A critical and historical study of representative Greek and Roman epic and lyric poetry and of drama, and of the medieval synthesis exemplified by Dante.
322. **THE MODERN EUROPEAN NOVEL.** 3 hours. 1967-1968 and alternate years.
A critical study of such European novelists as Mann, Kafka, Hesse, Gide, Hosse, Gido, Proust, Malraux, Sartre, Camus, and Silone. Special attention is paid to the intellectual backgrounds and to influences on English and American literature.
330. **THE ENGLISH NOVEL IN THE 18TH AND 19TH CENTURIES.** 3 hours. 1966-1967 and alternate years.
A study of the English novel from its beginnings in the 18th century through the 19th century, with particular attention to historical and artistic influences.
342. **ADVANCED ENGLISH GRAMMAR AND COMPOSITION.** 3 hours. Yearly.
A descriptive study of the structural logic and idiom of the English sentence and of the creation of precise, functional composition. Gives no credit toward the English major, but may be counted toward a "teaching field" in English and as a general elective credit.
401. **CHAUCEER.** 3 hours. 1967-1968 and alternate years.
A study of the major poems, with chief emphasis upon **The Canterbury Tales**.
402. **MILTON.** 3 hours. 1967-1968 and alternate years.
A study of the poetry and of typical prose, with emphasis upon **Paradise Lost**, **Samson Agonistes**, and the minor poems.
404. **ENGLISH DRAMA FROM THE BEGINNING TO 1642.** 3 hours. 1967-1968 and alternate years.
A study of the development of English drama, exclusive of Shakespeare, from its medieval and classical sources to the closing of the theaters in 1642.
405. **STUDIES IN REPRESENTATIVE AMERICAN WRITERS.** 3 hours. 1966-1967 and alternate years.
Intensive readings in major writers who represent significant trends in the development of American literature. Considerable work in bibliography and research, with presentation of individual papers.
406. **LITERARY CRITICISM.** 3 hours. 1966-1967 and alternate years.
A study of the background and development of modern literary criticism, with particular emphasis upon its development after Coleridge. The influences of literary theory, the various critical theories of this century, and the problems of practical criticism are the concerns of lectures, class discussions, and papers.

407. INDEPENDENT STUDY. 3 hours.

Prerequisites: Senior standing and permission of the head of the department. Either semester of senior year. The writing of a thesis and an oral examination at the end of the semester are the core of the course. The head of the department appoints a committee of not fewer than three faculty members to guide each student and to conduct the oral examination. Regular class sessions are not required, but the faculty members arrange seminar discussions when circumstances warrant such meetings. A copy of the thesis is filed in the college library.

FOREIGN LANGUAGES

Department Head: Professor Beck

Assistant Professor Curbelo, Assistant Professor Elder, Assistant Professor Flores, Assistant Professor Watts, Mrs. Bissell, Mr. Merrill, Mrs. Zaher.

Study of one or more foreign languages will introduce the student to the accumulated culture and experience of the human race, show him the continuation of the present from the past, and provide him with some understanding of the world in which he lives.

If the student plans to be a translator, he needs to acquire a thorough reading knowledge of the language of his choice. If he plans to enter the diplomatic service or be an interpreter, he will need also to master the spoken language. If he plans to prepare to do clerical work involving foreign correspondence as a commercial attache, a secret service employee, or a foreign trade expert, he will need to acquire skill in both speaking and writing the language of the countries in which he is interested.

A sequence of 201-202 in a foreign language is required of all students except candidates for the Bachelor of Music degree and for Bachelor of Science degrees in Business, Education, Engineering Sciences, and Physical Education.

MAJOR: B.A. in French or B.A. in Spanish. Twenty-four semester hours beyond 202; or twenty-nine semester hours or the equivalent, and fourteen semester hours in a second foreign language.

MAJOR: B.A. in any combination of French, German, Latin, or Spanish. Twenty-six semester hours in one and twenty in the other or the equivalent.

FRENCH

(101-102). ELEMENTARY FRENCH. 3-2-4 hours. Yearly.

Oral practice and pronunciation, elementary composition, reading and grammar.

201-202. INTERMEDIATE FRENCH. 3 hours. Yearly.

Prerequisite: French 101-102.

Conversation, more difficult reading, composition and grammar.

- 203-204. **ADVANCED GRAMMAR AND INTERMEDIATE CONVERSATION.** 3-2-4 hours. Yearly.
Prerequisite: French 101-102.
Strongly urged for all French majors and those planning to teach in secondary schools. Not to be substituted in any case for 201-202.
Laboratory work and instruction via the oral method. More complex grammatical constructions, idiom drills, compositions and phonetics.
- 301-302. **A SURVEY IN FRENCH LITERATURE.** 3 hours. Yearly.
Prerequisite: French 201-202.
Required for French majors. Studies in texts from the *Chansons de Geste*s down to the present day.
303. **MODERN AND CONTEMPORARY DRAMA.** 3 hours. 1966-1967 and alternate years.
Prerequisite: French 201-202.
Lecture, outside reading, and study in class from such dramatists as Cúrel, Rostand, Porto Riche, Bernstein, Lavedan, Bataille, Pagnol, Giraudoux, Sartre, Salacrou, and Anouilh.
304. **CONTEMPORARY NOVEL AND SHORT STORY.** 3 hours. 1966-1967 and alternate years.
Prerequisite: French 201-202.
Lecture, outside reading, and study in class of such writers as Gide, Proust, Colette, Mauriac, Romain, Duhamel, Morand, Lacretelle, Ayme, Troyat, Camus and Boule.
401. **MOLIERE, CORNEILLE, AND RACINE.** 3 hours. 1966-1967 and alternate years.
Prerequisite: French 301-302.
Lectures in French, collateral reading, study of their most distinctive plays.
402. **VOLTAIRE AND ROUSSEAU.** 3 hours. 1966-1967 and alternate years.
Prerequisite: French 301-302.
Lectures in French, collateral reading, study in class of several of their most representative works.
404. **THE MODERN NOVEL.** 3 hours. 1967-1968 and alternate years.
Prerequisite: French 301-302.
Lectures in French, study in class of representative works of Stendhal, Balzac, Flaubert, Zola and France.
407. **ROMANTIC NOVEL.** 3 hours. 1967-1968 and alternate years.
Prerequisite: French 301-302.
Lectures in French, outside reading, and study in class of such writers as Lafayette, Marivaux, Le Sage, Prevost, Saint-Pierre, de Stael, Constant, and Hugo.

GERMAN

- (101-102). **ELEMENTARY GERMAN.** 4 hours. Yearly.
German and easy reading. Conversation.
- 201-202. **INTERMEDIATE GERMAN.** 3 hours. Yearly.
Prerequisite: German 101-102.
Grammar review and simple composition exercises with much oral practice. Through the intensive and extensive reading of Modern German prose including a considerable body of scientific German, the course aims to give a competent reading knowledge of the language.

301-302. SURVEY OF GERMAN LITERATURE. 3 hours. Yearly.

Prerequisite: German 201-202 or equivalent.

Reading from all periods of German literature in chronological order from the earliest writings (to be read in modern German) to the present day. Primary emphasis will be on shorter poetic forms although examples of epic and dramatic writings may be included.

401-402. DAS WERDEN DER DEUTSCHEN KLASSIK. 3 hours. Yearly.

Prerequisite: German 301-302 or equivalent.

Der Kurs bietet einen Ueberblick der deutschen Literatur des achtzehnten Jahrhunderts, um die Entwicklung der subjektiven oder "modernen" Aesthetik klarzumachen. Betont werden die theoretischen and dichterischen Schriften von J. E. Schlegel, Lessing, Goethe and Schiller. Am Schluss des zweiten Semesters wird Goethes Faust II durchgearbeitet.

LATIN

(101-102). ELEMENTARY LATIN. 3-2-4 hours. Yearly.

An introduction to the fundamentals of Latin Grammar and the reading of Latin authors.

201-202. INTERMEDIATE LATIN. 3 hours. Yearly.

Designed for freshmen entering with two units of Latin, or those who have had Latin 101-102. Reading from several Latin writers. Systematic review of principles of syntax.

301-302. ADVANCED LATIN. 3 hours. Yearly.

Prerequisite: Latin 201-202 or three years of high school Latin.

Selections from the essays of Cicero, and Aeneid of Virgil, and the Metamorphoses of Ovid.

407, 408. DIRECTED STUDY. 3 hours. 1967-1968.

Prerequisite: Permission of instructor.

The drama, poetry, and philosophy of the Latin writers, with special attention to Plautus and Terence, Livy and Sallust, and Lucretius.

SPANISH

(101-102). ELEMENTARY SPANISH. 3-2-4 hours. Yearly.

Grammar, reading composition and oral practice.

201-202. INTERMEDIATE SPANISH. 3 hours. Yearly.

Prerequisite: Spanish 101-102 or two units from high school.

Advanced grammar, composition, conversation, and reading of short stories.

203-204. ADVANCED GRAMMAR AND INTERMEDIATE CONVERSATIONAL SPANISH. 3-2-4 hours. Yearly.

Prerequisite: Spanish 101-102.

Strongly urged for all Spanish majors and those planning to teach in secondary schools. Not to be substituted in any case for 201-202. Laboratory work and instruction via the oral method. More complex grammatical constructions, idiom drill, composition and intonation patterns.

205. SPANISH-AMERICAN CULTURE AND CIVILIZATION. 3 hours. 1967-1968 and alternate years.

A survey of the native Hispanic contributions to the life and literature of the American republics.

- 301-302. A SURVEY COURSE IN SPANISH LITERATURE. 3 hours. Yearly.
Reading from all periods of Spanish literature.
401. THE DRAMA OF THE "SIGLO DE ORO." 3 hours. 1967-1968 and alternate years.
Prerequisite: Spanish 301-302.
A study of the best plays of Lope de Vega, Calderon, and other great dramatists of the seventeenth century.
402. THE MODERN DRAMA. 3 hours. 1966-1967 and alternate years.
Prerequisite: Spanish 301-302.
The best plays of Jacinto Benavente and other leading dramatists of the nineteenth and twentieth centuries.
421. THE EARLY NOVEL. 3 hours. First semester 1967-1968 and alternate years.
Prerequisite: Spanish 301-302.
The Spanish novel of the sixteenth and seventeenth centuries with particular attention to Cervantes and *Don Quixote*.
422. THE MODERN NOVEL. 3 hours. Second semester 1966-1967 and alternate years.
Prerequisite: Spanish 301-302.
The Spanish novel since the seventeenth century.

GENERAL EDUCATION

121. ASSEMBLY. 1 hour. Each semester.
Activities consisting of weekly chapel services, the Religion in Life series, The Willson Lectures, the Lyceum programs, assemblies, and all-college convocations.
Required each semester of all full-time students, but does not count toward a major, minimum load, or tuition cost. Should not be considered transferable to other schools.
Credit, but no grade, will be given if not less than two-thirds of the required student assemblies are attended. If less than the minimum number are attended, no matter what considerations have caused the absences, a grade of "F" will be recorded, and an additional hour of credit will have to be earned in a subject approved by the Dean.
- 197, 198. FINE ARTS SURVEY. 3 hours. Yearly.
A course designed to stimulate the esthetic interest of students in art, music, and the theatre; to encourage their intelligent enjoyment and to suggest criteria for appreciation of these fine arts.

INTERDIVISIONAL SEMINAR

402. GREAT ISSUES. 3 hours. Each semester.
Enrollment limited to candidates for degrees.
An interdivisional course designed to acquaint the student with some of the important issues which concern the college graduate of today. The course is required for graduation and must be taken at Centenary College.

GEOGRAPHY AND GEOLOGY

Department Head: Professor Hickcox

Assistant Professor Shaw, Mr. Wiley, Mr. Kemp, Mr. Berryhill

The Geology Department provides training which will fit the student for employment in the geological departments of oil companies, or for graduate studies.

MAJOR: B.S. in Geology. Thirty-five hours in geology including the following required courses: Geology 101-102, 111-112, 151, 201-202, 203, 204, and 252; Chemistry 101-102, 111-112; mathematics through Mathematics 106; Physics 101-102; six semester hours chosen in consultation with the Head of the Geology Department from Engineering Science 101, 102, 252, and 253; and Philosophy 201. Field camps are encouraged.

GEOGRAPHY**205. HUMAN GEOGRAPHY. 3 hours.**

The earth's surface from the standpoint of its physical and cultural regions. Emphasis on the distribution of people and on man's changing relations with his habitat.

GEOLOGY**101-102. GENERAL GEOLOGY. 3-0-3 hours. Yearly.**

Introductory lecture course covering physical geology the first semester and historical geology the second semester. Prerequisite to all other courses in the department.

111-112. GENERAL GEOLOGY LABORATORY. 0-3-1 hours. Yearly.

A study of common rocks and minerals plus topographic maps the first semester, fossils and geologic maps the second semester.

151. REGIONAL GEOLOGY. 3-0-3 hours. First semester 1967-1968.

A brief outline of the geology of the United States by the application of basic geologic principles and with an introduction to its geomorphology.

201-202. PALEONTOLOGY. 2-3-3 hours. Yearly.

An introduction to the study of structure, mode of life, distribution, and development of the living forms of past ages.

203. STRUCTURAL GEOLOGY. 2-3-3 hours. Second semester 1966-1967 and alternate years.

A study of the mechanics of folding, faulting, and other structural features, their geologic effects, and the solution of structural problems.

204. MINERALOGY. 2-3-3 hours. First semester 1967-1968.

A description of the common minerals of the earth's crust, with identification by physio-chemical means.

233. PROBLEMS IN STRUCTURAL GEOLOGY. 1-2-2 hours. 1967-1968.

Prerequisite: Geology 203.

The application and solution of graphic problems in structural geology as related to studies in petroleum geology.

251. **ECONOMIC GEOLOGY.** 3-0-3 hours. 1966-1967 and alternate years.
The genesis of ores, the structure and stratigraphy of mineral-producing ores, and the economic aspect of mineral deposits.
252. **ELEMENTARY PETROLOGY.** 2-3-3 hours. 1966-1967 and alternate years.
The description and identification of the common rocks in the crust of the earth, and a study of the theories of origin for the different types of rocks.
301. **GEOLOGY OF PETROLEUM.** 3-0-3 hours. 1966-1967 and alternate years.
A course devoted to the study of the origin, migration, and accumulation of petroleum and of the oil and gas fields of the U.S. in general.
302. **GEOLOGY OF THE ARK-LA-TEX AND GAS FIELDS.** 3-0-3 hours. 1966-1967 and alternate years.
A detailed study of the various oil and gas fields of the Ark-La-Tex.
303. **WELL LOGGING.** 3-0-3 hours. 1967-1968.
A study of the various methods of well-logging and their application to the general field of geology.
401. **SEDIMENTATION.** 3-0-3 hours. Yearly.
A discussion and study of the origin and environments of sediments and their lithification.
402. **PRINCIPLES OF STRATIGRAPHY.** 3-0-3 hours. Yearly.
The principles underlying the study of the stratigraphic units of the earth's crust throughout geologic time.
405. **INTRODUCTION TO GEOPHYSICAL PROSPECTING.** 3-0-3 hours.
Prerequisite: Mathematics 101, 105, or equivalent; Physics 101-102.
An introduction to the various methods of geophysical prospecting for petroleum products. Includes the study of magnetic, gravitational, seismic, electrical, and other methods.
- 421-422. **INTRODUCTION TO MICROPALEONTOLOGY.** 1-6-3 hours. 1966-1967 and alternate years.
A study and identification of some of the important microfossils of the geologic column and methods of applying these data.
440. **GEOLOGY SEMINAR.** 1-0-1 hours.
Discussion groups on general phases of the whole field of geology and upon the history of science as a whole and geology in particular.

GERMAN

See Foreign Languages, p. 56

GOVERNMENT

See History and Government, p. 63

HEALTH AND PHYSICAL EDUCATION

Acting Head: Assistant Professor Sigler
 Mrs. Boddie, Mr. Edwards, Mr. Harless, Mr. McKinney,
 Mrs. McKinney, Mr. Mooty

The Department of Health and Physical Education offers courses and services in four areas:

1. A program of physical activities for all able-bodied students. This service constitutes a part of the required program, and includes conditioning exercises, vigorous individual and team sports, gymnastics, apparatus work, rhythmic activities and swimming.
2. A program for handicapped students adapted to the individual's physical condition.
 The student's condition is determined by a medical examination and frequently activities are assigned upon the recommendation of the physician.
3. A professional program for the preparation of teachers of health and physical education, athletic coaches, and workers in church, community and industrial recreation.
4. A program of intramural sports designed to give opportunity for competitive experience in athletics. Competition is offered in both individual and team sports.

101, 102 Freshman Activity (Men)

115, 116 Freshman Activity (Women)

201, 202 }
 215, 216 } Co-educational activity for Sophomore and above:

Archery and Riflery
 Beginning Tennis and Badminton
 Bowling — \$12.50
 Fencing
 Folk and Square Dance
 Golf — \$8.00
 Lifesaving
 Modern Dance
 Swimming

Satisfactory completion of four semester hours of courses listed above meets the minimum requirement in health and physical education for all degrees.

MAJOR:**MEN:**

- A. Thirty-eight semester hours of course work in the Department of Health and Physical Education including 221, 222, 223, 225, 227, 321, 324, 330, 332, or 334, 333 or 335, 338 or 340, 342, 423, 424, 428 or 430.

- B. Twelve hours of Biology 101-102, 111-112, and 217.
- C. Meet certification requirements.

WOMEN:

- A. Thirty semester hours of course work in the Department of Health and Physical Education including 221, 222, 223, 225, 321, 324, 330, 332, 334, 341, 342, 423, 424, 428 or 430.
- B. Twelve hours of Biology 101-102, 111-112, and 217.
- C. Meet certification requirements.

221. FIRST AID. 2 hours. Yearly.

Designed to develop competence in rendering immediate and temporary aid to a victim of an accident or sudden illness. Theoretical and practical approach. Covers both standard, advanced and instructor courses of the American National Red Cross with certificates granted for satisfactory work. Meets three hours each week.

222. TECHNIQUES OF GYMNASTICS. 2 hours. Yearly.

Instruction in the technique of teaching basic skills in men's and women's gymnastics. All apparatus included.

223. HISTORY AND PRINCIPLES OF PHYSICAL EDUCATION. 3 hours. Yearly.

Prerequisite: Sophomore standing.

An introduction course designed to acquaint students with the biological, psychological and sociological foundations of physical education, and to provide them with historical reference sufficient for intelligent interpretation and evaluation of current practices in the field.

225. INTRAMURAL SPORTS TECHNIQUES. 3 hours. Yearly.

A study of the methods commonly used in organizing and administering a program of intramural sports in public schools. Emphasis is given to classification for competition, rules and regulations, league play, statistics, arrangements, and officiating.

227. TECHNIQUES OF ATHLETIC CONDITIONING AND TRAINING. 3 hours. Yearly.

Prerequisite: Sophomore standing.

A study of the relationship between physical condition and successful participation in sports activities. Emphasis is given to the selection and administration of exercises, with due regard for the safety and welfare of those concerned, and to the prevention, recognition, care and treatment of athletic injuries.

239. MATERIALS AND METHODS OF PHYSICAL EDUCATION FOR THE ELEMENTARY GRADES. 3 hours. Each semester.

Basic materials in games, stunts, self-testing activities, calisthenics and rhythms. Emphasis is placed upon procedures for presentation of activities in the elementary school.

321. PERSONAL AND COMMUNITY HEALTH. 3 hours. Yearly.

A study of factors influencing and determining personal health, and an introduction to methods used in preventing disease in individuals and in communities.

324. KINESIOLOGY. 3 hours. Yearly.

Prerequisite: Biology 217.

A study of the factors influencing bodily movement. Consideration is given to the mechanical and physiological action of joints and muscles.

330. **TESTS AND MEASUREMENTS.** 3 hours. Yearly.
A study of tests designed to measure health, physical fitness, strength, motor ability, game skills, and use of the results of the tests.
332. **SWIMMING TECHNIQUES.** 2 hours. Yearly.
A course designed to develop basic skills in swimming as well as the ability to aid others in distress in water. Senior life saving and water safety instructor certificates by the American National Red Cross may be obtained.
333. **TECHNIQUES OF COACHING BASKETBALL.** 2 hours. Yearly.
A study of the basic offensive and defensive patterns, their strengths and weaknesses. Program organization and administration included.
334. **FOLK AND SQUARE DANCE TECHNIQUES.** 2 hours. Yearly.
Theory and practice of folk and square dance. A bibliography of materials and music given. Instruction in teaching and calling dances.
335. **TECHNIQUES OF COACHING FOOTBALL.** 2 hours. Yearly.
A study of the basic offensive and defensive formations, their strengths and weaknesses. Program organization included as well as instruction in fundamentals.
338. **TECHNIQUES OF COACHING BASEBALL.** 2 hours. Yearly.
A study of the fundamentals of baseball and by positions. Strategies of all phases of the game included.
340. **TECHNIQUES OF COACHING TRACK AND FIELD.** 2 hours. Yearly.
A study of the fundamentals of track and field events. Practical experience in meet administration included.
341. **THEORY AND PRACTICE OF TEAM SPORTS FOR WOMEN.** 3 hours. Yearly.
Analysis of techniques, progression in presentation, practice, lead-up activities, and knowledge of official rules.
342. **THEORY AND PRACTICE OF INDIVIDUAL SPORTS.** 3 hours. Yearly.
A theoretical and practical study of skills adapted for use in secondary schools.
423. **ADMINISTRATION OF HEALTH AND PHYSICAL EDUCATION.** 3 hours. Yearly.
A study of principles underlying the organization and administration of programs of health and physical education in modern schools.
424. **SCHOOL HEALTH.** 3 hours. Yearly.
A study of health problems of school children; detection and correction of defects; prevention and control of communicable diseases. Environmental health factors are considered.
428. **METHODS IN TEACHING PHYSICAL EDUCATION.** 3 hours. 1966-1967 and alternate years.
Prerequisite: Junior standing.
A course designed for prospective high school teachers of health and physical education.
430. **PHYSIOLOGY OF EXERCISE.** 3 hours. 1967-1968 and alternate years.
Prerequisite: Biology 217.
A study of the reactions of the body functions to exercise. The understanding of the human organism during muscular activity in terms of communication, energy production and transportation.

HISTORY AND GOVERNMENT

Department Head: Professor Vogel

Professor Asseff, Professor Davidson, Professor Lowrey, Professor Overdyke, Assistant Professor Hancock, Assistant Professor Rainey, Professor Strauss

The courses offered by the Department of History and Government are designed to serve the following purposes: first, to make an essential contribution to a liberal arts education by providing the general student with a comprehensive and integrated knowledge of man's history; second, to provide the training necessary for more advanced study in history and political science; third, to provide the practical knowledge of historical and political developments which is an essential part of the preparation of those students expecting to enter the professions of law, government service, politics, and business.

HISTORY

MAJOR: B.A. in History. Twenty-four semester hours in history, plus History 441, six hours in economics, six hours in government, and six hours in a related subject approved by the major advisor. Not less than 30 hours of work numbered 300 or above must be presented for graduation, of which not less than 12 must be in history.

Students majoring in history are expected to offer either French or German in fulfillment of the foreign language requirement unless otherwise specified by the major advisor.

101, 102. **SURVEY OF EUROPEAN HISTORY.** 3 hours. Yearly.

A rapid survey for freshman students who wish to familiarize themselves with the background of present-day Europe.

201, 202. **HISTORY OF ENGLAND AND GREAT BRITAIN.** 3 hours. Yearly.

A general survey of the history of England and the British Empire to the present time.

205, 206. **HISTORY OF THE UNITED STATES.** 3 hours. Yearly.

A comprehensive survey of the major developments in American History from the colonial period to the present.

207. **HISTORY OF LOUISIANA.** 3 hours. Each semester.

A rapid survey of French and Spanish colonization; development of the state politically, socially, and economically to the present time.

303, 304. **HISTORY OF RUSSIA.** 3 hours. 1967-1968.

Offered in recognition of the emergence of Russia as a world power, and is designed to acquaint the student with the essential facts in Russian history. First semester, the birth of the Russian state (860) to the Russian Revolution of 1917; second semester, a detailed study of Russia under Soviet rule from the Revolution of 1917 to the present.

305. GREEK HISTORY. 3 hours. 1968-1969.
A brief study of the Greek people from the earliest age to the Roman Conquest.
306. ROMAN HISTORY. 3 hours. 1968-1969.
A study of the political, cultural and social history of Rome.
312. HISTORY OF THE ANTE-BELLUM SOUTH. 3 hours. Yearly.
Social and economic characteristics of the deep South, with emphasis on the plantation system. Field trips made to adjacent areas.
- 313, 314. CONTEMPORARY EUROPE. 3 hours. Yearly.
A survey of Europe since 1914, considering two World Wars, events leading to World War II, and problems created by the Atomic Age.
- 321, 322. AMERICAN INTELLECTUAL HISTORY. 3 hours. Yearly.
The evolution of American intellectual and cultural life from colonial times to the present, as expressed in political and economic thought, theology, philosophy, and literature, with reference to the interaction between ideas and social structures.
- 341, 342. HISTORY OF LATIN AMERICA. 3 hours. Yearly.
First semester, the development of Spanish and Portuguese America to the wars of independence; second semester, the development of the independent states in the 19th and 20th centuries.
441. SEMINAR IN HISTORY. 2 hours. Each semester.
Prerequisite: History major and approval of instructor.
A study of various schools of historical scholarship and an introduction to the elements of research.

GOVERNMENT

MAJOR: B.A. in Government. Twenty-four semester hours in government plus History 441 and six other hours in history, six hours in economics, and six hours in a related subject approved by the major advisor. Not less than 30 hours of work numbered 300 or above must be presented for graduation, of which not less than 12 must be in government.

Students majoring in government are expected to offer either French or German in fulfillment of the foreign language requirement unless otherwise specified by the major advisor.

201. AMERICAN GOVERNMENT. 3 hours. Each semester.
Constitutional principles, agencies of the federal government and their relationships to the states, and individual civil rights, citizenship, political possessions.
205. POLITICAL THEORY. 3 hours. 1967-1968.
An introductory study of the writings of a select group of political thinkers from Plato to the present.
207. INTERNATIONAL RELATIONS. 3 hours. Yearly.
A survey of current world problems, with emphasis upon world organizations, power politics, international law, geopolitics, and peace organizations.

210. **STATE AND MUNICIPAL GOVERNMENT.** 3 hours. 1967-1968.
A survey of problems, functions, and weaknesses in state and municipal governments with emphasis upon political machines, types of municipal government, local planning, and study of government in Louisiana.
303. **CONSTITUTIONAL HISTORY OF THE UNITED STATES.** 3 hours. 1967-1968.
Prerequisite: Junior Standing.
A study of the development of Constitutional principles and practices in American History.
304. **LEADING CASES IN CONSTITUTIONAL HISTORY.** 3 hours. 1967-1968.
Prerequisite: Junior Standing.
Study and analysis of the most important decisions of the United States Supreme Court.
305. **THE GOVERNMENT OF EUROPE.** 3 hours. 1968-1969.
Prerequisite: Junior Standing.
Comparative study of cabinet systems of government with emphasis on the development of England, and the theories and functioning of political communism, fascism and nazism in Europe, including post-war developments.
306. **COMPARATIVE FOREIGN POLICIES.** 3 hours. 1967-1968.
An introductory study of the traditional aims, conduct, and formation of foreign policies of the major powers.
307. **THE EUROPEAN COMMUNITY.** 3 hours. 1968-1969.
A study of Western Europe's efforts to achieve cooperation and co-existence, with emphasis on the Common Market and related regional organizations.
- 309, 310. **HISTORY OF AMERICAN FOREIGN RELATIONS.** 3 hours. Yearly.
(May be counted as history credit.)
A diplomatic history of the American people, with emphasis on the influence of public opinion in determining foreign policy.
311. **POLITICAL PARTIES.** 3 hours. 1967-1968.
A survey of the history, functions, and weaknesses of the political party system in the United States.
313. **URBAN AND RURAL GOVERNMENT.** 3 hours. 1967-1968.
A survey of the organization, structure, functions, and problems of local governments in the United States and their role in the constitutional system with an analysis of their prospects for the future.
324. **INTERNATIONAL LAW.** 3 hours. Yearly.
A study of the development and foundations of international law; the laws of war, peace, and neutrality; and a study of the laws of treaties with emphasis on law enforcement, state responsibilities, diplomatic immunities, and war crimes.

MATHEMATICS

Department Head: Professor Carlton

Associate Professor Self, Assistant Professor Speairs, Mr. Treese,
Mr. Danvers, Mrs. Treese, Mr. Williams, Dr. Greene

The Department of Mathematics aims to contribute to the student's liberal education by showing the role which mathematics has played and is playing in the development of civilization, and by giving him the opportunity to appreciate mathematics for its own esthetic qualities.

It aims particularly to give fundamental training to students in the natural sciences and engineering, and also to those in economics and commerce. The mathematics program is planned so that a student majoring in the field may choose any one of a number of directions in which to continue after graduation, including the teaching profession, work in industry, the computer mathematics field, further training toward actuarial work, or the combination of mathematics with other scientific training, as well as graduate work in pure mathematics.

High school mathematics through trigonometry is the suggested background for an incoming freshman, with Mathematics 101 offered only for those students not able to obtain this background before entering college.

MAJOR: Students may receive a B.A. or B.S. degree with a major in mathematics. For either degree a minimum of twenty-seven hours of mathematics, in courses numbered 201 or higher, is required. Nine of the twenty-seven hours must be in courses numbered 401 or higher. At least thirty semester hours of courses numbered 300 or higher are required. At least twelve of these thirty hours must be taken outside the department of mathematics.

100. **MATHEMATICS FOR TEACHERS I.** 3 hours. Each semester.
(Open for credit to elementary education majors only. Does not satisfy core requirement in mathematics.)
Logic, sets, the set of counting numbers. Numeration systems. The rational numbers, decimals. The real number system.
101. **ALGEBRA AND PLANE TRIGONOMETRY.** 3 hours. Each semester.
Introduction to set theory. Logical development of the real number system. The notions of variable and function (algebraic, trigonometric, exponential, logarithmic) and their geometric representation. Inverse functions. Equations and identities.
105. **INTRODUCTION TO FINITE MATHEMATICS.** 3 hours. Each semester. (Open only to non-science majors.)
Statement logic. Elementary theory of sets. Counting problems and probability theory. Vectors and matrices. Applications.
106. **ANALYTIC GEOMETRY AND CALCULUS I.** 3 hours. Each semester.
Coordinate systems, straight lines, functions and graphs. Limits, derivatives of algebraic functions, applications of the derivative.
115. **MATHEMATICS FOR TEACHERS II.** 3 hours. Each semester.
Prerequisite: Mathematics 100 or consent of instructor.
(Open for credit to elementary education majors only.)
Topics from number theory, geometry, algebra, and the history of mathematics.
201. **ANALYTIC GEOMETRY AND CALCULUS II.** 3 hours. Each semester.
Prerequisite: Mathematics 106.
The definite and indefinite integral. Derivatives and integrals of ex-

ponential, logarithmic, hyperbolic, trigonometric, and inverse trigonometric functions. Techniques in integration, integration by parts.

202. ANALYTIC GEOMETRY AND CALCULUS III. 3 hours. Each semester.

Prerequisite: Mathematics 201.

Further applications of the calculus. Basic properties of continuous and differentiable functions. Infinite series. Plane curves and polar coordinates.

203. LINEAR ALGEBRA. 3 hours. Yearly.

Prerequisite: Mathematics 106.

Systems of linear equations, vector spaces, linear dependence, bases, dimensions, linear mappings. Matrices, determinants, applications.

303. ANALYTIC GEOMETRY AND CALCULUS IV. 3 hours. Each semester.

Prerequisite: Mathematics 202.

Three-dimensional analytic geometry. Introduction to vector analysis. Differential calculus of several variables. Multiple integration. Line and surface integrals.

304. FOUNDATIONS OF GEOMETRY. 3 hours. Yearly.

Prerequisite: Consent of instructor.

Advanced Euclidean geometry, with emphasis on transformation theory. Topics from ordered geometry, affine geometry, absolute geometry, non-Euclidean geometry, and n-dimensional geometry.

305. MATHEMATICAL STATISTICS. 3 hours. Yearly.

Probability, sample spaces. Mathematical models, testing hypotheses. Empirical and theoretical frequency functions. Correlation and regression. Testing goodness of fit.

306. MODERN ALGEBRA I. 3 hours. Yearly.

Prerequisite: Mathematics 201.

Basic properties of groups, rings, and fields.

307. DIFFERENTIAL EQUATIONS. 3 hours. First semester yearly.

Prerequisite: Mathematics 303.

Common types of ordinary differential equations, especially of the first and second order. Problems which lead to differential equations and the standard methods of their solutions.

309-310. SEMINAR FOR SECONDARY TEACHERS OF MATHEMATICS. 1-3 hours. Yearly.

Topics from Euclidean geometry, non-Euclidean geometry, analytic geometry. Topics in algebra, sets, matrices.

403. TOPOLOGY. 3 hours. First semester 1967-1968 and alternate years.

Prerequisite: Mathematics 303.

A survey of fundamental properties of topological spaces with particular emphasis on the real number system. Connectedness, compactness, continuous mapping, homeomorphism, metric spaces.

404. VECTOR ANALYSIS. 3 hours. Second semester yearly.

Prerequisite: Mathematics 303.

A basic course in vectors. Topics include vector and scalar products, vector equations, and vector calculus. Applications from differential geometry and physics. Curvature, torsion, and Gaussian curvature.

405. NUMERICAL ANALYSIS. 3 hours. First semester yearly.
Prerequisite: Mathematics 402.
Numerical differentiation and integration. Solutions of numerical equations. Numerical solutions of ordinary and partial differential equations. Various methods of interpolation.
407. INTRODUCTORY REAL VARIABLE THEORY I. 3 hours. First semester 1968-69 and alternate years.
Prerequisite: Mathematics 303.
Real and complex systems, sets, metric spaces, continuity and differentiation.
408. INTRODUCTORY REAL VARIABLE THEORY II. 3 hours. Second semester 1969 and alternate years.
Prerequisite: Mathematics 407.
Riemann-Stieltjes integral, sequences and series of numbers and functions.
410. INDEPENDENT STUDY IN MATHEMATICS. 1-3 hours.
Open to advanced students in mathematics with the consent of the instructor. One hour conference per week. Library and research work pertinent to the area of study selected. A written thesis is required.

SCHOOL OF MUSIC

Director: Associate Professor Gilbert Carp

Associate Professor Causey, Associate Professor Harlan, Associate Professor Voran, Assistant Professor Dean, Assistant Professor Perkins, Assistant Professor Teague, Miss Cameron, Mrs. Carp, Mrs. Hobbs, Mr. Fisher, Mr. Goldsholl, Mrs. Kester, Mr. Kozak, Mrs. Little, Mr. Shenaut, Miss Thompson, Mrs. Upton and Mrs. Wideman.

The School of Music is a member of the National Association of Schools of Music. The requirements for entrance and for graduation as set forth in this catalog are in accordance with the published regulations of the National Association of Schools of Music. It accordingly offers the degree of Bachelor of Music in Applied Music, or in Music Education, or in Theory and Composition, and the degree of Bachelor of Arts with a major in Applied Music.

ADMISSION REQUIREMENTS

Requirements for admission for the degree of Bachelor of Music are the same as for admission to candidacy for other degrees. In addition, prospective music majors should be familiar with the visual and aural aspects of the following: names of notes, time signatures, and rhythm notation; major and minor (3 forms) scales and key signatures; major, minor, diminished augmented, and perfect intervals; major, minor, diminished, and augmented triads. A good manual that presents much of the visual basic materials in music theory is *Basic Materials*

in Music Theory, a Programmed Course, by Paul Harder, published by Allyn and Bacon, Inc.

A rudimentary knowledge of piano playing is also strongly recommended as follows: ability to read treble and bass clefs simultaneously as in sight reading pieces of first grade difficulty; and technical control, as evidenced by playing standard exercise materials comparable to the first ten Hanon exercises.

Freshman entrance auditions and placement tests in music theory and piano (for non-keyboard majors) are held during the freshman orientation period. Those unable to meet minimum music theory entrance requirements will be required to spend extra class time in music theory until the deficiency is made up.

For unconditional acceptance as a music major, incoming freshmen should be able to perform an entrance audition in their major applied area with material of equivalent difficulty to that listed below:

PIANO: (Entire audition from memory): Major and harmonic minor scales in parallel motion using various rhythms ($\text{♩}=80$); major and minor triad arpeggios; a Bach Two-Part Invention or equivalent polyphonic composition; an allegro movement from a Classic sonata or one of the more difficult sonatinas, such as Clementi Op. 36, No. 3, Op. 36, No. 6, or Mozart K570; a romantic or contemporary composition.

ORGAN: At the piano (from memory); Major and minor scales in parallel motion; major and minor triad arpeggios; a Bach Two or Three Part Invention; a romantic or contemporary composition.

At the organ (memory not required): Demonstrate the ability to play a clean legato line; play at sight a simple trio including a pedal part; play an organ piece of the candidate's own choice.

VOICE: B. Mus. and B.A. voice majors (from memory): A selection from the early Italian School, in Italian; a selection from the Romantic Period (art song, opera, or oratorio, in the original language or English); a song by a representative 20th Century composer.

Music Education Vocal Majors (from memory): Two songs of contrasting style.

PERCUSSION: B. Mus. and B.A. percussion majors: 26 rudiments; demonstrate reading ability; opened and closed rolls; basic knowledge of bass drum and cymbal technique for concert and marching bands; selected solos demonstrating dynamic control and rudimentary ability.

Music Education Instrumental majors: 13 rudiments; basic wrist control; basic stick control; opened and closed rolls; demonstrate reading ability; basic knowledge of bass drum and cymbal techniques for marching bands; contest solo similar to Three Camps or Connecticut Half-time.

ORCHESTRAL INSTRUMENTS: Two representative etudes; major and minor scales and arpeggios, or etudes based on them; two representative solos from the standard literature.

COMPOSITION: Entrance requirements in one of the applied fields listed above must be met. Candidate must present suitable evidence of compositional ability and talent either upon entering, or by the completion of the freshman year.

Special students are admitted without reference to entrance requirements, but no credit toward a degree is allowed until the entrance requirements have been fully met.

TRANSFER STUDENTS

Transfer credit in applied music will be determined by an audition before the music faculty during the orientation period, and also by the progress made during the first semester of study at Centenary. Transfer students may also be expected to take examinations in music theory and music history to determine whether equivalent standards have been met. Transfer music credit will remain tentative until such auditions and examinations have been taken and evaluated.

ADVANCED STANDING

Candidates for the degree of Bachelor of Music who desire advanced standing must present a complete transcript of the work done, not only in their major field but also in all college work completed. All applicants for advanced standing will be examined in their major instrument and in music theory.

PUBLIC SCHOOL MUSIC

The course in public school music leading to a degree of Bachelor of Music in Music Education is designed to meet the state requirements for teacher certification in the public school systems of Louisiana. All students planning to certify as teachers must by the end of the sophomore year petition the selective Admissions Committee of the Teacher Education Advisory Council for acceptance into the Department of Education. For further details, see EDUCATION and TEACHER EDUCATION CURRICULUM.

PIANO

The course is so arranged as to meet the needs of students whose major interests lie in public performance, or in the study of the instrument as an accompaniment to the voice, violin, violoncello, etc., or as a necessary asset in theory, public school music, or organ.

ORCHESTRAL INSTRUMENTS

Instruction is provided in all the instruments of the orchestra and band. Courses are offered which not only develop the ability of the student as a soloist but also in ensemble playing.

ORGAN

This course is designed to meet the needs of students whose interests lie in the fields of church music, public performance, or advanced study at the graduate level. Those majoring in organ must demonstrate proficiency on the piano equivalent to the requirements of the freshman piano examination as a pre-requisite to admission.

VOICE

The instruction in individual lessons is adapted to the ability and previous training of the student. The course, primarily planned for adult beginners, is designed to develop principles of tone production, correct diction, breathing, etc. It includes a study of repertoire of general song literature, arias from opera and oratorio in English and in foreign languages.

PRACTICE

Practice pianos and organs are available at the Music Building.

ENSEMBLES

Ample opportunity is provided for ensemble work, an essential phase of musical development. While all students of applied music are required to enroll for these groups and to participate in public performances, those from other departments of the college are encouraged to take part in them also.

The choral and instrumental ensembles have frequent opportunities for public performance.

BACHELOR OF ARTS DEGREE

Major in Applied Music

FRESHMAN YEAR:

¹ Major Applied 181-182	3-3
Music Theory 111-112	2-2
Ear Training 117-118	1-1
Keyboard Harmony 113-114	1-1
Intro. to Music History & Literature 141-142	2-2
English 101-102	3-3
Physical Education	1-1
Mathematics	3-3
	<u>32</u>

JUNIOR YEAR:

Major Applied 375-376	2-2
Music History 301-302	3-3
Social Science	3-3
² Ensemble	1-1
Foreign Language	4-4
Religion 101-102	3-3
Chamber Music	1-1
	<u>34</u>

SOPHOMORE YEAR:

Major Applied 275-276	2-2
Music Theory 211-212	2-2
Ear Training 217-218	1-1
Keyboard Harmony 213-214	1-1
Analysis of Musical Forms 215-216	3-3
English 201-202	3-3
Physical Education	1-1
Social Science	3-3
	<u>32</u>

SENIOR YEAR:

Major Applied 475-476	2-2
Natural Science	4-4
General Education 402	3
Speech 200	3
² Ensemble	1-1
Foreign Language	3-3
	<u>26</u>

¹ Non-keyboard majors — see School of Music Handbook for Piano Proficiency Requirements.

² Voice major: Choir, Symphony Chorale, or Opera Workshop

Instrumental major: Band or Orchestra

Piano Major: Accompanying, Band, Orchestra, Opera Workshop or Symphony Chorale. One year must be accompanying.

Organ majors will take a minimum of one credit hour of piano per semester until they are exempted by the head of the organ department. Organ majors will also take as electives Music 315-316, Music 431-432 and Music 463-464.

Requirements for the BACHELOR OF MUSIC DEGREE IN MUSIC EDUCATION are prescribed under TEACHER EDUCATION CURRICULUM on pp. 000-000.

BACHELOR OF MUSIC DEGREE

Piano Major

FRESHMAN YEAR:

Major Applied 181-182	3-3
Music Theory 111-112	2-2
Ear Training 117-118	1-1
Keyboard Harmony 113-114	1-1
Intro. to Music History & Literature 141-142	2-2
English 101-102	3-3
Foreign Language	4-4
Physical Education	1-1
	<u>34</u>

SOPHOMORE YEAR:

Major Applied 281-282	3-3
Music Theory 211-212	2-2
Ear Training 217-218	1-1
Keyboard Harmony 213-214	1-1
Analysis of Musical Forms 215-216	3-3
English 201-202	3-3
Physical Education	1-1
Academic Elective	3
¹ Ensemble	1-1
	<u>33</u>

JUNIOR YEAR:

Major Applied 381-382	3-3
Counterpoint 311-312	2-2
Music History 301-302	3-3
Chamber Music	1-1
Orchestration 411	2
Piano Teaching Methods 433-434	2-2
Religion	3-3
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SENIOR YEAR:

Major Applied 481-482	3-3
Music History Elective	3-3
Piano Literature 461-462	2-2
General Education 402	3
Academic Elective	4
Conducting 325-326 or 327-328	1-1
¹ Ensemble	1-1
Creative Writing 309-310	1-1
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¹ Band, Orchestra, Choir, Symphony Chorale, Opera Workshop or Accompanying. Accompanying must be taken for at least one year.

If a sophomore foreign language is taken (six hours credit) instead of a freshman foreign language (eight hours credit), two additional elective hours are required.

BACHELOR OF MUSIC DEGREE

Organ Major

FRESHMAN YEAR:

Major Applied 181-182	3-3
Music Theory 111-112	2-2
Ear Training 117-118	1-1
Keyboard Harmony 113-114 ..	1-1
Intro. to Music History & Literature 141-142	2-2
English 101-102	3-3
Foreign Language	4-4
Physical Education	1-1
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	34

SOPHOMORE YEAR:

Major Applied 281-282	3-3
Music Theory 211-212	2-2
Ear Training 217-218	1-1
Keyboard Harmony 213-214 ...	1-1
Analysis of Musical Forms 215-216	3-3
English 201-202	3-3
Physical Education	1-1
Academic Elective	3
Voice Class 339-340	1-1
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	33

JUNIOR YEAR:

Major Applied 381-382	3-3
Counterpoint 311-312	2-2
Music History 301-302	3-3
Chamber Music	1-1
Improvisation and Accompanying 315-316	2-2
Religion	3-3
Orchestration 411	2
Creative Writing 309-310	1-1
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	32

SENIOR YEAR:

Major Applied 481-482	3-3
Music History Elective	3-3
Organ Literature 463-464	2-2
¹ Ensemble	1-1
Organ Teaching Methods 431-432	2-2
General Education 402	3
Academic Elective	4
Choral Conducting 327-328 ...	1-1
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¹ Band, Orchestra, Choir, Symphony Chorale, Accompanying or Opera Workshop.

Organ majors will take a minimum of one credit hour of piano per semester until they are exempted by the head of the organ department.

If a sophomore foreign language is taken (six hours credit) instead of a freshman foreign language (eight hours credit), two additional elective hours are required.

BACHELOR OF MUSIC DEGREE

Orchestral Instrument Major

FRESHMAN YEAR:

Major Applied 181-182	3-3
¹ Piano 129-130	2-2
Music Theory 111-112	2-2
Ear Training 117-118	1-1
Keyboard Harmony 113-114 ...	1-1
Intro. to Music History & Literature 141-142	2-2
English 101-102	3-3
Physical Education	1-1
Ensemble (Band or Orchestra)	1-1
	<u>32</u>

JUNIOR YEAR:

Major Applied 381-382	3-3
Music History 301-302	3-3
Counterpoint 311-312	2-2
Chamber Music	1-1
Orchestration 411-412	2-2
Foreign Language	4-4
Religion	3-3
	<u>36</u>

SOPHOMORE YEAR:

Major Applied 281-282	3-3
Piano 229-230	2-2
Music Theory 211-212	2-2
Ear Training 217-218	1-1
Keyboard Harmony 213-214 ...	1-1
Analysis of Musical Forms 215-216	3-3
English 201-202	3-3
Ensemble (Band or Orchestra)	1-1
Physical Education	1-1
	<u>34</u>

SENIOR YEAR:

Major Applied 481-482	3-3
Music History Elective	3-3
Conducting 325-326	1-1
String Teaching Methods 451-452 or Wind Teaching Methods 453-454	2-2
General Education 402	3
Academic Elective	4-3
String Literature 467-468 or Wind Literature 469-470	2-2
	<u>32</u>

¹ See School of Music Handbook for Piano Proficiency Requirements.

If a sophomore foreign language is taken (six hours credit) instead of a freshman foreign language (eight hours credit), two additional elective hours are required.

BACHELOR OF MUSIC DEGREE

Voice Major

FRESHMAN YEAR:

Major Applied 181-182	3-3
¹ Piano 129-130	2-2
Music Theory 111-112	2-2
Ear Training 117-118	1-1
Keyboard Harmony 113-114 ...	1-1
Intro. to Music History & Literature 141-142	2-2
English 101-102	3-3
Physical Education	1-1
Diction 107, 108	1-1
	<u>32</u>

SOPHOMORE YEAR:

Major Applied 281-282	3-3
Piano 229-230	2-2
Music Theory 211-212	2-2
Ear Training 217-218	1-1
Keyboard Harmony 213-214 ...	1-1
Analysis of Musical Forms 215-216	3-3
English 201-202	3-3
Physical Education	1-1
Diction 109, 110	1-1
	<u>34</u>

JUNIOR YEAR:

Major Applied 381-382	3-3
Counterpoint 311-312	2-2
Music History 301-302	3-3
Choral Conducting 327-328	1-1
Foreign Language	4-4
Religion	3-3
² Ensemble (Choir, Symphony Chorale or Opera Work- shop)	1-1
	<hr/> 34

SENIOR YEAR:

Major Applied 481-482	3-3
Music History Elective	3-3
Voice Teaching Methods 435-436	2-2
Song Literature 465-466	2-2
Foreign Language	3-3
General Education 402	3
Academic Elective	3
² Ensemble (Choir, Symphony Chorale or Opera Work- shop)	1-1
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¹ See School of Music Handbook for Piano Proficiency Requirements.

² At least one year of Opera Workshop is required.

BACHELOR OF MUSIC DEGREE

Music Theory and Composition Major

FRESHMAN YEAR:

¹ Major Applied 181-182	3-3
Music Theory 111-112	2-2
Ear Training 117-118	1-1
Keyboard Harmony 113-114	1-1
Intro. to Music History & Literature 141-142	2-2
English 101-102	3-3
Ensemble	1-1
Physical Education	1-1
² Minor Instrument	2-2
	<hr/> 32

SOPHOMORE YEAR:

Private Composition 281-282	3-3
Music Theory 211-212	2-2
Ear Training 217-218	1-1
Keyboard Harmony 213-214	1-1
Analysis of Musical Forms 215-216	3-3
English 201-202	3-3
Physical Education	1-1
² Minor Instrument	2-2
Chamber Music	1-1
	<hr/> 34

JUNIOR YEAR:

Private Composition 381-382	3-3
Counterpoint 311-312	2-2
Music History 301-302	3-3
Orchestration 411-412	2-2
Religion	3-3
German or French	4-4
Minor Instrument 331, 333	1-1
	<hr/> 36

SENIOR YEAR:

Private Composition 481-482	3-3
Music History Elective	3-3
German or French	3-3
Conducting 325-326 or 327-328	1-1
General Education 402	3
Ensemble	1-1
Minor Instrument 335, 337	1-1
	<hr/> 27

¹ Theory and composition majors must demonstrate proficiency in at least one applied area.

² If major applied area is not piano or organ, minor instrument must be piano. See School of Music Handbook for Piano Proficiency Requirements.

At least one work in large form for orchestra, chorus, or band must be completed and approved by the faculty.

COURSES:

THEORY OF MUSIC

111-112. MUSIC THEORY. 4 hours.

A study of the materials of music and their organization through part writing and analysis.

113-114. KEYBOARD HARMONY. 2 hours.

Keyboard application of Music Theory. Must be taken with Music 111-112.

117-118. EAR TRAINING. 2 hours.

Scales, intervals, rhythm, meter, and their application in sight singing and dictation. Must be taken with Music 111-112.

211-212. MUSIC THEORY. 4 hours.

Prerequisite: Music 111-112.

Continuation of Music 111-112.

213-214. KEYBOARD HARMONY. 2 hours.

Prerequisites: Music 111-112 and Music 113-114.

Continuation of Music 113-114. Must be taken with Music 211-212.

215-216. ANALYSIS OF MUSICAL FORMS. 6 hours.

Prerequisite: Music 111-112.

Elements of musical form and harmonic analysis of standard works.

217-218. EAR TRAINING. 2 hours.

Prerequisites: Music 117-118 and Music 111-112.

Continuation of Music 117-118. Must be taken with Music 211-212.

309-310. CREATIVE WRITING. 2 hours. 1968-69 and alternate years.

Prerequisite: Music 215-216.

Basic techniques of composition. Writing in smaller forms.

311-312. COUNTERPOINT. 4 hours.

Prerequisite: Music 211-212.

First semester 18th Century. Second semester 16th Century.

315-316. ACCOMPANYING AND IMPROVISATION. 4 hours. 1967-68 and alternate years.

The art of accompanying on the organ and the adapting of other scores to the organ. Develops fluency in improvisation at the organ by using basic keyboard skills, basic forms and modulations.

411-412. ORCHESTRATION. 4 hours.

Scoring and analysis of scores for orchestra 1st semester and band 2nd semester.

DICTION

Courses designed specifically for singers. Each course is offered once every four semesters. Required of Voice Majors. International Phonetic Alphabet is used, that is, the use of symbols to represent sounds, interchangeable from language to language.

107. ITALIAN DICTION. 1 hour. Fall 1967.

108. GERMAN DICTION. 1 hour. Spring 1968.

109. FRENCH DICTION. 1 hour. Fall 1968.
110. ENGLISH DICTION. 1 hour. Spring 1969.

PUBLIC SCHOOL MUSIC

121. MUSIC EDUCATION. 3 hours.
Theory of music and elementary music teaching methods for the general classroom teacher. For non-music majors.
321. MUSIC EDUCATION. 1 hour.
Prerequisites: Education 102, 200, and acceptance into Department of Education by Admissions Committee. Methods of teaching music in the elementary grades.
- 325-326. CONDUCTING. BAND AND ORCHESTRA. 2 hours.
- 327-328. CONDUCTING. CHORAL. 2 hours.
421. ELEMENTARY STUDENT TEACHING. 3 hours.
Prerequisite: Music 321.
423. HIGH SCHOOL STUDENT TEACHING. 3 hours.
Prerequisite: Music 321.

PEDAGOGY

- 431-432. ORGAN TEACHING METHODS. 4 hours. 1968-69 and alternate years.
- 433-434. PIANO TEACHING METHODS. 4 hours. 1968-69 and alternate years.
- 435-436. VOICE TEACHING METHODS. 4 hours. 1968-69 and alternate years.
- 437-438. BAND AND ORCHESTRA METHODS. 4 hours.
Prerequisite: Acceptance into Department of Education by Admissions Committee.
Training, management and study of the literature of the school band and orchestra.
- 447-448. CHORAL TEACHING METHODS. 4 hours.
Prerequisite: Acceptance into Department of Education by Admissions Committee.
Methods, materials, and techniques for music education majors preparing to teach school vocal music.
- 451-452. STRING TEACHING METHODS. 4 hours. 1968-69 and alternate years.
- 453-454. WIND TEACHING METHODS. 4 hours. 1968-69 and alternate years.

MUSIC HISTORY AND APPRECIATION

- 141-142. INTRODUCTION TO HISTORY AND LITERATURE OF MUSIC. 4 hours.
For music majors or divisional humanities majors.

- 143, 144. MUSIC APPRECIATION. 2 hours.
Cultural course for the general college student. For non-music majors.
- 301-302. MUSIC HISTORY AND LITERATURE. 6 hours.
Prerequisite: Music 141-142.
A survey of the development of music from Middle Ages to present day.
343. HYMNOLOGY. 2 hours.
442. TWENTIETH CENTURY MUSIC. 3 hours.
Prerequisite: Music 301-302.
A study of styles and techniques from c. 1900 to the present.
444. CHURCH MUSIC. 3 hours.
Prerequisite: Music 301-302.
Historical survey of religious music.

REPERTOIRE AND INTERPRETATION

- 461-462. PIANO LITERATURE. 4 hours. 1967-68 and alternate years.
- 463-464. ORGAN LITERATURE. 4 hours. 1968-69 and alternate years.
- 465-466. SONG LITERATURE. 4 hours. 1967-68 and alternate years.
- 467-468. STRING LITERATURE. 4 hours. 1968-69 and alternate years.
- 469-470. WIND LITERATURE. 4 hours. 1968-69 and alternate years.

APPLIED MUSIC — Class Instruction

Private instruction may be substituted for class instruction.

- 129-130. PIANO CLASS. 4 hours.
For non-keyboard music majors working to pass the Piano Proficiency exam, and for electives. 2 class hours plus 6 hours practice weekly.
- 229-230. PIANO CLASS. 4 hours.
Continuation of Music 129-130. Piano Proficiency exam is the final exam for Music 230. (See School of Music Handbook for requirements). 2 class hours plus 6 hours practice weekly.
- 329-330. PIANO CLASS. 4 hours.
Continuation of Music 229-230 with major emphasis on accompanying and sight reading. Practical application of studio accompanying.
331. PERCUSSION CLASS. 1 hour. Spring 1968 and every 4th semester.
2 class hours plus 2 hours practice weekly.
333. STRING CLASS. 1 hour. Spring 1969 and every 4th semester.
2 class hours plus 2 hours practice weekly.
335. BRASS CLASS. 1 hour. Fall 1968 and every 4th semester.
2 class hours plus 2 hours practice weekly.
337. WOODWIND CLASS. 1 hour. Fall 1967 and every 4th semester.
2 class hours plus 2 hours practice weekly.

339-340. VOICE CLASS. 2 hours.

Fundamentals of voice production. For non-voice majors, and for electives. 2 class hours plus 2 hours practice weekly.

429-430. PIANO CLASS. 4 hours.

Continuation of Music 329-330 with major emphasis on accompanying and sight reading. Practical application of studio accompanying.

APPLIED MUSIC — Private Instruction

Piano, Voice, Organ, Orchestral Instruments,
Percussion and Private Composition.

(See statement concerning private applied jury exams in the School of Music Handbook.)

ELECTIVE PRIVATE APPLIED. 1 hour or 2 hours.

Private instruction for electives, and for music majors desiring private rather than class instruction in their minor applied area.

1 hour credit: ½ hour lesson and 5 hours practice weekly.

2 hours credit: 1 hour lesson and 10 hours practice weekly.

181-182. MAJOR PRIVATE APPLIED. 6 hours.

Freshman year for all music majors. One hour private lesson, seminar, and 15 hours practice weekly.

275-276. MAJOR PRIVATE APPLIED. 4 hours.

Sophomore year for Music Education and B. A. music majors. One hour private lesson, seminar, and 10 hours practice weekly.

281-282. MAJOR PRIVATE APPLIED. 6 hours.

Sophomore year for B. Mus. piano, organ, voice orchestral instrument and composition majors. One hour private lesson, seminar, and 15 hours practice weekly.

375-376. MAJOR PRIVATE APPLIED. 4 hours.

Junior year for Music Education and B. A. music majors. One hour private lesson, seminar, and 10 hours practice weekly.

381-382. MAJOR PRIVATE APPLIED. 6 hours.

Junior year for Bachelor of Music piano, organ, voice, orchestral instrument, and composition majors. Junior Recital — 30 minutes. One hour private lesson, seminar, and 15 hours practice weekly.

475-476. MAJOR PRIVATE APPLIED. 4 hours.

Senior year for Music Education and B.A. music majors. Senior Recital — 30 minutes. One hour private lesson, seminar, and 10 hours practice weekly.

481-482. MAJOR PRIVATE APPLIED. 6 hours.

Senior year for Bachelor of Music piano, organ, voice, orchestral instrument, and composition majors. Senior Recital — one hour. One hour private lesson, seminar, and 15 hours practice weekly.

ENSEMBLE

ACCOMPANYING. 1 hour.

BAND. 1 hour.

CHAMBER MUSIC. 1 hour.

CHOIR. 1 hour.

OPERA WORKSHOP. 1 hour.

ORCHESTRA. 1 hour.

SYMPHONY CHORALE. 1 hour.

PHILOSOPHY

Acting Department Head: Professor Pomeroy
Professor Davidson, Mr. Zaher

The courses in philosophy are designed to acquaint the student with systems of thought about life and reality, and to help him understand the function of intelligence in life.

MAJOR: B.A. in Philosophy. Twenty-four semester hours in philosophy, including 201, 202, 301, and 302; and the approval of the course of study by a departmental advisor.

201. LOGIC. 3 hours. Yearly.

An elementary course in the principles of reasoning and the organization of knowledge.

202. ETHICS. 3 hours. Yearly.

An introduction to ethics. Study of ancient and modern theories.

203. THE NATURE OF PHILOSOPHY. 3 hours. Yearly.

The course is designed to help the student realize how comprehensive the field of philosophy is, and to help him see that philosophy is related to daily life.

204. ESTHETICS. 3 hours. Yearly.

A philosophical study of the creative impulse, the art object, and the esthetic experience.

301. HISTORY OF ANCIENT AND MEDIEVAL PHILOSOPHY. 3 hours. Yearly.

An examination of the major philosophical systems from the early Greeks to the seventeenth century.

302. HISTORY OF MODERN PHILOSOPHY. 3 hours. Yearly.

An examination of the major philosophical systems from the seventeenth century to the present.

303. PHILOSOPHY OF RELIGION. 3 hours. Yearly.

A philosophic study of religion. (Same as Religion 303).

306. METAPHYSICS. 3 hours. Yearly.

A study of the basic categories of experience and ultimate reality.
Prerequisite: Permission of instructor.

- 401, 402. DIRECTED STUDY IN PHILOSOPHY. 1-3 hours. Yearly.
Prerequisite: Permission of instructor.

PHYSICAL EDUCATION

See Health and Physical Education, p. 60

PHYSICS AND ENGINEERING SCIENCES

Acting Department Head: Professor Parker,
Associate Professor Galloway, Mr. Harris, Mr. Baker.

PHYSICS

The physics curriculum is made up of introductory courses designed to familiarize the nonscience major with the fundamental concepts of physics; courses designed to give the science major a firm grasp of the principles of classical and modern physics; and advanced courses designed to prepare the physics major with the necessary background in experimental and theoretical physics to meet the demands of graduate study and research.

The prospective freshman who plans to major in physics should take Mathematics 101 in the summer session prior to the fall semester of his freshman year unless his background includes high school mathematics through trigonometry.

MAJOR: The B.S. degree with a major in physics requires Physics 209, 224, 302, 305, 309, 312, 322, 402, 409, and 431; Engineering Science 102 or 251; Chemistry 102 and 112; and Mathematics 307. Mathematics 404 and 405 are advised.

- 001-002. PHYSICS PROBLEMS I-II. 0-1-0 hours. Yearly.

Prerequisite: Enrollment in any 100 or 200 level physics course.

Additional practice in setting up and solving problems within the scope of Physics 121-122.

- 003-004. PHYSICS PROBLEMS III-IV. 0-1-6 hours. 1968-1969 and yearly thereafter.

Prerequisite: Enrollment in any 200 level physics course.

A continuation of Physics 001-002. Problems are within the scope of Physics 223-224.

- 101-102. INTRODUCTORY PHYSICS. 3-3-4 hours.

Prerequisite: Mathematics 101 or its equivalent.

The fundamental concepts of statics and dynamics of rigid bodies, liquids, gases, wave motion, sound, light, electricity and magnetism. The fundamental principles are illustrated by the solution of simple problems and illustrative experimental work. This course is not open for credit to any student who is majoring in one of the sciences. The course text is Smith and Cooper's *Elements of Physics*.

111-112. GENERAL ASTRONOMY. 3-0-3 hours. Yearly.

A study of the earth as a body in space, the other planets, the moon and other satellites, comets, meteorites, the solar system and its motion and analysis of light, the sun, the stars, star clusters, gaseous nebulae, the Milky Way, external galaxies, the structure of the universe. The course text is *Principles of Astronomy* by Wyatt.

113-114. GENERAL ASTRONOMY LABORATORY. 0-3-1 hours. Yearly.

A laboratory course intended for students enrolled in Physics 111-112 who wish to develop experimental skills for collecting and evaluating astronomical data. Planetarium and observatory facilities available in the Shreveport area are used. The course text is Shaw and Boothroyd's, *Manual of Astronomy*.

121, 122. PHYSICS I-II. 3-0-3 hours. Yearly.

Prerequisite: Mathematics 106 or enrollment therein.

The fundamental principles and classic experiments of mechanics and thermophysics including conditions of equilibrium, translation and rotation of rigid bodies, work energy, dynamics of liquids and gases, wave motion and sound, kinetic theory, first and second laws of thermodynamics, entropy and enthalpy. Physics 122 may be taken prior to Physics 121. The course text is *Physics* by Halliday and Resnick.

201-202. GENERAL PHYSICS. 3-3-4 hours. 1967-1968 Only.

Prerequisite: Mathematics 201 or enrollment therein.

The principles of statics, dynamics of rigid bodies, liquids, gases, wave motion, sound, electricity, magnetism, light and optics. The course text is Sears and Zemansky's *University Physics*.

208-209. SOPHOMORE PHYSICS LABORATORY. 0-3-1 hours. 1968-1969 and yearly thereafter.

Prerequisite: Physics 121, 122 and either Mathematics 201 or enrollment therein.

An introduction to experimental techniques for direct and indirect measurements in the physics laboratory. Experiments illustrate the fundamental principles of mechanics, thermophysics, sound, electricity, magnetism, light, optics and elementary modern physics. Error propagation computations are required with each experiment. The course text is *Physics Laboratory Manual* by Wall and Levine.

223-224. PHYSICS III-IV. 3-0-3 hours. 1968-1969 and yearly thereafter.

Prerequisite: Physics 121 and either Mathematics 202 or enrollment therein.

Fundamental principles and classic experiments of electromagnetism and modern physics including fields, potentials, dielectric materials, D.C. and A.C. circuits, Maxwell's equations, light, optics, introductory quantum mechanics and relativity. Physics 224 may not be taken prior to Physics 223. The text for Physics 223 is the same text used for Physics 121-122. The text for Physics 224 is *Elementary Modern Physics* by Weidner and Sells.

301-302. ELECTRICITY AND MAGNETISM. 3-0-3 hours. Yearly.

Prerequisite: Physics 223 or 202 and either Mathematics 307 or enrollment therein.

An advanced study of electric and magnetic fields and potentials in free space and in matter, electric and magnetic energies, transient and steady state currents, plasma physics, wave equations and elementary electrodynamics. The course text is Reitz and Milford's *Foundations of Electromagnetic Theory*.

305. **LIGHT AND OPTICS.** 3-0-3 hours. 1967-1968 and alternate years.
Prerequisite: Physics 223 or 202 and Mathematics 303.

A general treatment of the principles of geometric and physical optics including optical instruments, interference, diffraction, absorption, scattering, dispersion and polarization. The course text is **Fundamentals of Optics** by Jenkins and White.

- 308-309. **JUNIOR PHYSICS LABORATORY.** 0-3-1 hours. Yearly.

Prerequisite: Physics 224 or 202 and either Physics 322 or enrollment therein.

Advanced experimental techniques in the physics laboratory. Students are instructed in the use of machine shop equipment, electronic techniques and precision instrumentation in planning and executing advanced experiments. Experiments are within the scope of mechanics, thermophysics, electricity, magnetism, light, optics and modern physics. The course text is **The Taylor Manual of Advanced Undergraduate Experiments in Physics**.

- 311-312. **MODERN PHYSICS.** 3-0-3 hours. Yearly.

Prerequisite: Physics 224 or 202 and either Mathematics 307 or enrollment therein.

An in depth treatment of the principles of modern physics illustrating the operation of these principles in the observed behavior of matter. Topics include relativity, quantum mechanics, band theory of solids, atomic and nuclear physics. The course text is Leighton's **Principles of Modern Physics**.

322. **ELECTRONICS FOR SCIENTISTS.** 3-3-4 hours. Yearly.

Prerequisite: Consent of instructor and either Physics 223 or 202.

Principles and applications of vacuum tube and solid state electronics with emphasis on the electronic circuitry of research laboratory instrumentation. Electrical measurements, power supplies, amplifier circuits, oscillators, servomechanisms and high speed switching and timing circuits. The course text is **Electronics for Scientists** by Malmstadt, Enke and Toren.

- 401-402. **MECHANICS.** 3-0-3 hours. Yearly.

Prerequisite: Physics 121 or 201 and either Mathematics 307 or enrollment therein.

An advanced study of the principles of statics and dynamics of matter. Topics include free and constrained motion of particles, rigid bodies, and systems of particles, formal methods using equations of Lagrange and Hamilton, and vibrating systems. The course text is **Introduction to Theoretical Mechanics** by Becker.

- 408-409. **SENIOR PHYSICS LABORATORY.** 0-3-1 hours. 1968-1969 and yearly thereafter.

Prerequisite: Physics 309.

A continuation of Physics 309 with emphasis on experiments in the field of modern physics. Experiments include NMR, EPR, microwaves, X-ray diffraction, crystallography, scintillation and solid state nuclear detection, fast pulse spectrometry and use of the digital computer for data reduction. The course text is the same as the text used for Physics 308-309.

- 412-413. **ATOMICS AND NUCLEAR PHYSICS.** 3-0-3 hours. 1968-1969 and alternate years.

Prerequisite: Physics 312.

The principles of atomic and nuclear physics with emphasis on the properties of atoms and nuclei. Topics include atomic structure and spectra, fundamental particles, nuclear structure, atomic and nuclear radiations, conservation laws, scattering and high energy processes. The course text is Semat's **Introduction to Atomic and Nuclear Physics**.

423. HEAT AND THERMODYNAMICS. 3-0-3 hours. 1967-1968 and alternate years.

Prerequisite: Physics 122 or 202 and either Mathematics 303 or enrollment therein.

A study of thermodynamic systems, first, second and third laws of thermodynamics, entropy, enthalpy, Helmholtz and Gibbs functions and elements of statistical mechanics. The course text is **Heat and Thermodynamics** by Zemansky.

ENGINEERING SCIENCE

General objectives of the Engineering Sciences Program are as follows: 1. To provide technical training for those students interested in general engineering; 2. To provide laboratory and technical experiences for teachers interested in industrial and scientific subjects taught in the public schools; 3. To provide practical knowledge of industrial and economic materials; 4. To contribute to general education through study of skills, materials, and practices of modern industry.

The curriculum aims to give the student the necessary fundamentals in the basic science and cultural fields that are essential in the application of principles and skills in modern industry and prepare themselves for professional engineering school and graduate school.

Consult the Head of Department for information concerning the 3-2 program. See page 81.

MAJOR: B.S. in Engineering Science. Engineering Science 100, 101, 251, 252, or 301, 320, and 404; Chemistry 101-102 and 111-112; Mathematics 106, 201, 202, 303, and 402; Physics 201-202, 301-302 or 321-322, and 401; and nine additional semester hours elective in natural science.

The core curriculum must be completed except that only one year of foreign language is required.

100. ENGINEERING ORIENTATION. 1-1-1 hours. Each semester.

Engineering as a profession, its attractions and professional responsibilities, the student's approach to his chosen field of engineering or architecture, the application of the slide rule in solution of engineering problems.

101. ENGINEERING DRAWING AND GRAPHICS. 0-6-2 hours. Each semester.

Instructions in the proper care and use of drafting instruments, lettering, freehand sketching, orthographic projection, geometrics, dimensioning, section views, auxiliaries, working drawings, isometrics, tracing, and graphic solutions.

102. ENGINEERING DRAWING. 0-6-2 hours. Each semester.

Prerequisite: Engineering Science 101.

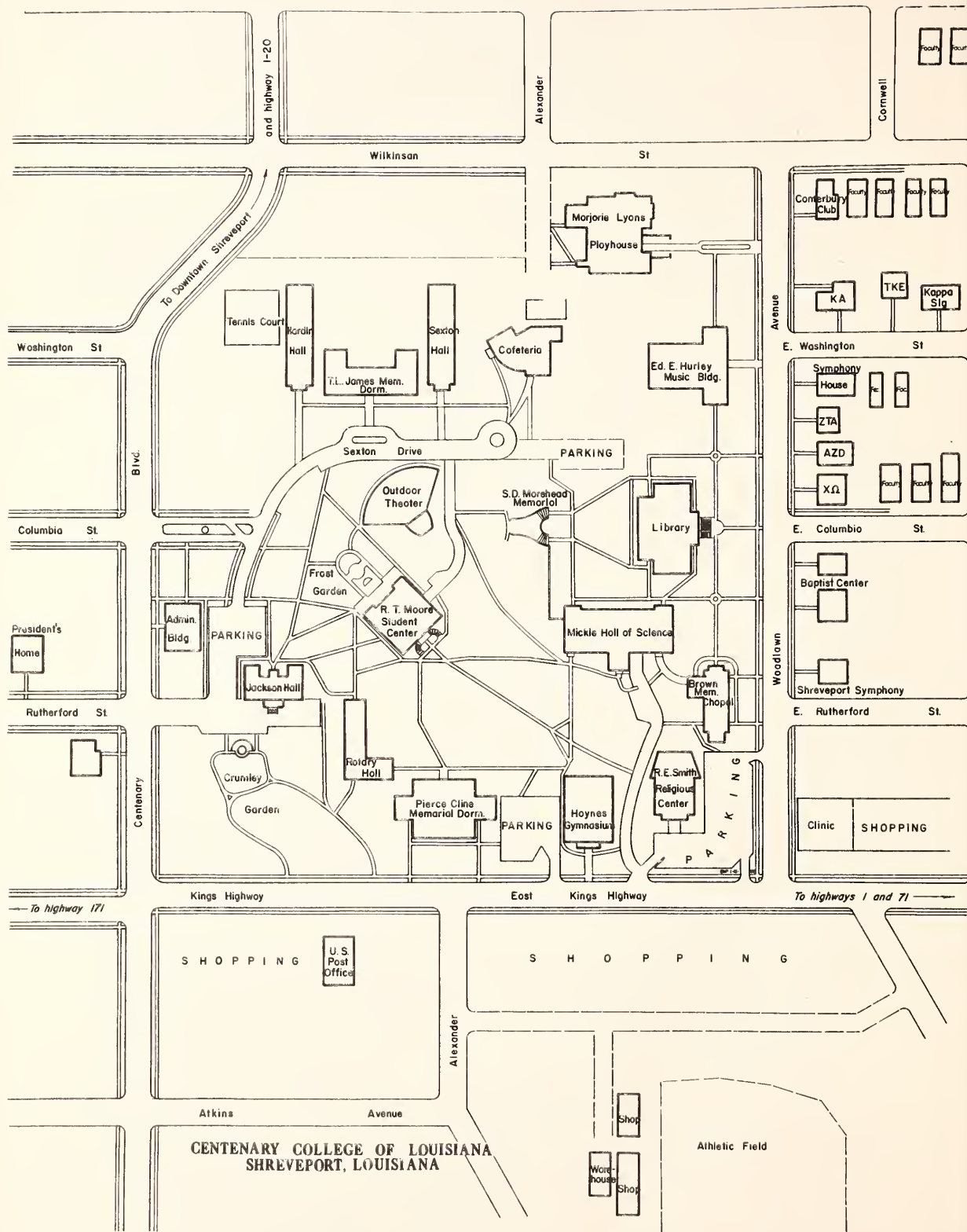
A continuation of Course 101. Instructions in machine drafting, isometrics, detail and assembly drawings, shop drawings, notes and dimensioning, and graphics.

104. BLUEPRINT READING FOR THE BUILDING TRADES. 0-3-1 hours.

Evening Division only.

Instructions in blueprint interpretation for trades and construction personnel. Small homes, construction projects, detail construction, materials lists, and industrial construction blueprints.

- 119-120. **ARCHITECTURAL GRAPHICS.** 0-6-2 hours. Yearly.
An elementary course in architectural graphics and design composition. Instructions in the fundamentals of perspective, graphics, visualization, lines, planes, color, mood, texture, static and dynamic symmetry, details, design of small objects. Designed for the architectural major.
141. **GENERAL CARTOGRAPHY.** 1-3-2 hours. Yearly.
A study of the history and development of modern mapping. Instructions in map uses, symbols, form, color, texture, simple projections, and map reading. Designed to meet requirements of the geology major.
142. **MAP DRAFTING.** 1-3-2 hours. Yearly.
Prerequisite: Engineering Science 101 or 141.
Instructions in map construction, projections, reproduction, aerial photography, composition, contours, ownership maps, plotting and sketching, types of maps and uses.
- 201-202. **ADVANCED ENGINEERING DRAWING.** 0-6-2 hours. Yearly.
Prerequisite: Engineering Science 102 or 251.
Instructions in machine drafting and graphics, shop drawings, industrial projection drawings and dimensioning, costs, shades, shadows, detail and assembly drawings of complicated machines and scientific devices.
251. **DESCRIPTIVE GEOMETRY.** 2-3-3 hours. Spring semester.
Prerequisite: Engineering Science 101.
A study of lines, points, planes, three-dimensional problems, visualization, developments, intersections, shades, shadows and graphic solutions.
252. **PLANE SURVEYING.** 2-3-3 hours. Yearly.
Prerequisite: Mathematics 101.
Instructions in the care and use of surveying equipment, theories of surveying, errors, measurement of distance and angles, survey computations and plotting, and land descriptions.
253. **PLANE TABLE SURVEYING.** 1-3-2 hours. Yearly.
Prerequisite: Engineering Science 252.
Instructions in the care and use of the plane table alidade, field mapping, baseline and triangulation mapping, plotting and finishing of topographic field maps.
301. **ADVANCED GRAPHICS.** 0-6-2 hours. Each semester.
Prerequisite: Engineering Science 251, Calculus III or enrollment therein.
A further study of graphic solutions beyond the scope of engineering drawing and descriptive Geometry 251. Emphasis will be placed on one of the following subjects to be selected by the student and his advisor:
(a) Analysis of the more complex machine mechanisms
(b) Basic elements of production design
(c) Solutions of vector problems by graphic and mathematical techniques, graphic calculus, and nomography.
310. **INTRODUCTION TO CORROSION AND CONTROL.** 3-0-3 hours. 1966-1967 and alternate years.
Prerequisite: 8 hours of chemistry.
Introduction to corrosion problems, electrochemistry of corrosion, mechanism of the electrolytic cell, prevention of corrosion cells, and practical application of specific corrosion problems.
320. **MATERIALS OF INDUSTRY.** 3-0-3 hours. Yearly.
A study of industrial materials, their composition, applications, processing, and uses.
404. **STRENGTH OF MATERIALS.** 3-0-3 hours. Yearly.
Prerequisite: Physics 401, Mathematics 402 or enrollment therein.
A study of the internal stresses and strains of a body, when external compression, tension and shear forces are applied.





Aerial View of Campus

RELIGION

Department Head: Professor Pomeroy
Professor Pledger, Assistant Professor Hancock,
Assistant Professor R. E. Taylor

The purpose of the department is to acquaint the student with the major areas of study in religion. Students will meet the college requirement of six hours of Bible for graduation with Religion 101 and 102 which survey the Old and New Testament from historical and literary viewpoints, with a non-sectarian emphasis on moral and spiritual principles involved. Members of churches which forbid the study of religion at a Protestant institution may meet the college requirement by taking two of the following courses: Philosophy 301, 302, and English 313.

MAJOR: B.A. in Religion. Twenty-four semester hours of religion, including Religion 101-102. Philosophy 301 and 302 shall count as religion for the major.

PRE-THEOLOGICAL CURRICULUM: Entrance requirements of seminaries and graduate schools of religion must be met with courses in addition to the requirements of the Core Curriculum and of the major subject selected. Therefore, students who plan such graduate study should, in all cases, counsel with a member of the Department of Religion before enrolling for work beyond the first semester of the freshman year.

RELIGIOUS EDUCATION: Students who are preparing to work in this field without graduate study are expected to take the courses listed above plus Religious Education 210, 211, 310, and 312. In addition it is recommended that these students take (Church) Music 343 and 344.

101. OLD TESTAMENT SURVEY. 3 hours. Each semester.

102. NEW TESTAMENT SURVEY. 3 hours. Each semester.

103. PRINCIPLES OF CHURCH ADMINISTRATION. 1 hour.

Designed to meet the needs of ministerial students and other persons training for Christian work.

203. HISTORY AND DOCTRINES OF METHODISM. 3 hours. 1966-1967 and alternate years.

Study of movement which affected the social and religious life of Eighteenth Century England and which influenced the cultural, religious and political development of America. Primary sources are the works of John Wesley and secondary sources are recent interpretative biographies and histories of Methodism.

206. LIFE AND TEACHINGS OF JESUS. 3 hours. 1966-1967 and alternate years.

Thorough study of the Gospel accounts of the life of Jesus with emphasis on the historical, political, and religious background, literary forms, and ethic teachings.

301. HISTORY OF THE CHRISTIAN CHURCH. 3 hours.
Survey of development of the Christian Church in thought and individual life from the First Century to the Reformation. Careful study is made of the lives and writings of the leading figures of this period.
302. HISTORY OF THE CHRISTIAN CHURCH. 3 hours.
Study of major branches of the Christian Church and trends of development since the Reformation.
303. PHILOSOPHY OF RELIGION. 3 hours.
Philosophic study of religion. (Same as Philosophy 303.)
306. PROPHETS OF ISRAEL. 3 hours.
Study of the prophetic movement and its historical background in Israel from the time of Moses until its close with the book of Jonah.
307. COMPARATIVE RELIGION. 3 hours.
Historical survey of major religions of the Occident and Orient: Egyptian, Greek, Roman, Indian, Chinese, Persian, Hebrew, Christian.
308. RELIGION IN AMERICA. 3 hours.
Study of the formation and progress of religious movements in America from colonial days to the middle of the Twentieth Century. Emphasis is given to the creative forces which appear with the frontier and pioneer spirit in American life.
309. LIFE AND LETTERS OF PAUL. 3 hours.
315. THEOLOGY OF THE NEW TESTAMENT. 3 hours. 1966-1967 and alternate years.
Prerequisite: Religion 102.
Study of major theological and practical religious questions of the New Testament.
402. DIRECTED STUDY IN CHRISTIAN THOUGHT. 3 hours. 1966-1967 and alternate years.
Prerequisite: Religion 101-102 and consent of instructor.
Study of classical religious writings from various periods of the Church's history. Selections from Augustine, Aquinas, Luther, Calvin, Wesley, Schleiermacher, Kierkegaard, Barth, Tillich, and others will be chosen.

RELIGIOUS EDUCATION

209. SURVEY OF RELIGIOUS EDUCATION. 3 hours. 1967-1968 and alternate years.
Introduction to the whole field of religious education.
211. RELIGIOUS EDUCATION IN THE LOCAL CHURCH. 3 hours. 1966-1967 and alternate years.
A course dealing with local problems in religious education.
310. PRINCIPLES OF TEACHING IN THE CHURCH SCHOOL. 3 hours.
A study of Christian education in the church school with emphasis on materials and techniques. Includes study of lesson materials for different age groups, lesson planning and audio-visual aids.
412. SUPERVISED FIELD WORK.
Students will be required to observe and participate in religious education work in local churches.

SOCIOLOGY

Department Head: Professor Pledger
Mr. Falk, Mr. Waite

The courses in the department fall into three somewhat overlapping areas: 1. Courses purposed to develop the general culture of the student; 2. Courses supporting other curricula for which knowledge of social institutions and behavior is essential; 3. Courses needed to prepare the student for a specific profession.

The objective of the department is to help the student, whatever his prospective profession, to know himself as a responsible member of society. To do this, he must understand something of group behavior in the urban-industrial milieu of western civilization and be encouraged to recognize his relation to the total social pattern as well as to the smaller group comprising it.

101. **INTRODUCTORY SOCIOLOGY.** 3 hours. Each semester.
An examination of cultural origins, factors in group behavior; bases of personality; and present trends in our own culture.
102. **SOCIAL INSTITUTIONS.** 3 hours. Each semester.
Background, organization, changing character of basic social institutions, with particular reference to western civilization.
103. **INTRODUCTION TO ANTHROPOLOGY.** 3 hours. Each semester.
A study of ancient and modern man; race, culture, and society. Emphasis placed on the cultural approach.
201. **CONTEMPORARY SOCIAL PROBLEMS.** 3 hours. Yearly.
Prerequisite: Sociology 101.
An examination of the various contemporary social problems, causes, extent, cost, and possible solutions.
202. **MARRIAGE AND FAMILY.** 3 hours. Yearly.
Prerequisite: Sociology 102 or three hours of psychology.
Problems related to preparation for marriage; marital adjustments; organization and function of the family.
301. **COMMUNITY ORGANIZATION.** 3 hours.
Community organization as a process in social work, its characteristics and growth. Discussion of councils of social agencies, community chest, and similar agencies primarily carrying out this process. Analysis of state-wide, national, and international agencies in the field of organization for social welfare. Some attention to problems of research.
302. **INTRODUCTION TO SOCIAL WORK.** 3 hours.
Prerequisite: Sociology 101, 102.
Underlying philosophy and basic principles of social casework, and a study of the various categories of welfare work.
400. **SOUTHERN REGIONALISM.** 3 hours. 1966-1967 and alternate years.
A study of the population and cultural characteristics of the South as related to the history and economy of the region; recent trends and prospective changes with reference to rural-urban developments in the region.

401. **CRIMINOLOGY.** 3 hours. Yearly.

Prerequisite: Sociology 102 or three hours of psychology.

An analysis of the factors leading to crime; sociological evaluation of present methods of dealing with the criminal.

402. **JUVENILE DELINQUENCY.** 3 hours. Yearly.

Prerequisite: Sociology 102 or three hours of psychology.

Social and emotional adjustment problems of youth between ages of 12 and 21 years of age; and analysis of the factors leading to delinquency; sociological evaluation of present methods of dealing with the delinquent.

SPANISH

See Foreign Languages, p. 56

SPEECH AND DRAMA

Department Head: Associate Professor Corey

Associate Professor Alexander, Mr. Anderson, Mrs. Corey

The Department of Speech and Drama offers courses designed to provide the student with a knowledge of the fundamental principles of speech and drama and their application to contemporary life, and to prepare the student to teach speech. Three programs are offered: Speech Major, Drama Major, and Speech Education.

Requirements for Speech Major: Speech 101, 112, 200, 201, 332, 403 (3 hours), and 24 hours from the following: Speech 203, 205, 211, 220, 231, 300, 306, 311, 312, 401, 404, 411; English 307; Philosophy 201. Total: 40 hours for a B.A. in Speech.

Requirements for Drama Major: Speech 101, 112, 200, 201, 306, 308, 401, 403 (3 hours), and 16 hours from the following: Speech 203, 204, 205, 206, 231, 250, 312, 331, 350, 404. Total: 40 hours for a B.A. in Drama.

Requirements for Speech Education: The speech major may receive a B.A. in Speech with teacher certification by fulfilling the education requirements and by getting approval of Speech Department advisor. The program on p. 104 provides for a B.S. in Education.

Ample opportunity is provided for development of performance skills essential for personal artistry. All speech and drama majors are required to participate in the groups. Students from other departments of the college are encouraged to join them also.

101. **FUNDAMENTALS OF VOICE AND DICTION.** 3 hours. Each semester.
Study of the International Phonetic Alphabet, phonics, and voice improvement.

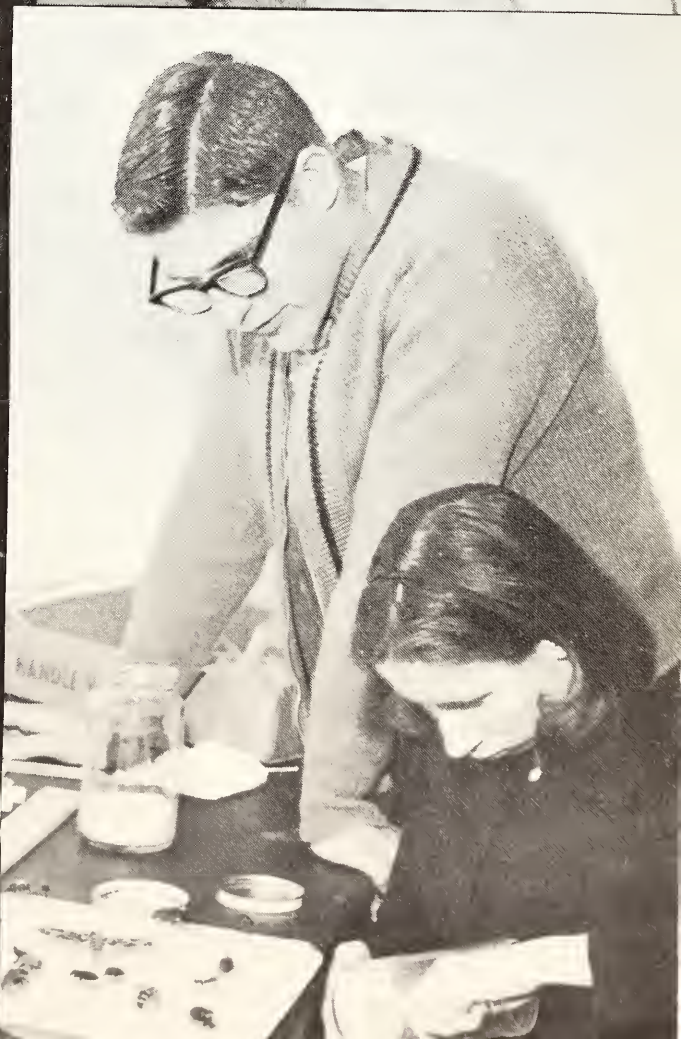
105. **WORKSHOP PRODUCTION.** Summers only. 3 hours.

A laboratory course in all phases of staging utilized in summer production of the department.

107. **WORKSHOP ACTING.** Summers only. 3 hours.
An applied study of the art of acting, correlated with summer productions of the department.
109. **PLATFORM ART FOR MINISTERS.** 2 hours.
Study of the organization and delivery of sermons and other forms of public address frequently used by ministers; the study of oral Bible reading.
112. **PHILOSOPHY OF THE THEATRE.** 3 hours. Yearly.
Introduction to the historical idea of a theatre, its meaning in previous and contemporary society, and its principles, tools, and creative artists.
200. **PUBLIC SPEAKING.** 3 hours. Each semester.
Study of the organization and delivery of all forms of public address with the exception of discussion and debate.
201. **LITERARY INTERPRETATION.** 3 hours. Yearly.
Techniques involved in platform reading and program presentation of prose, poetry, and drama.
203. **ACTING.** 3 hours. Yearly.
A beginning course in the study of the stage from the standpoint of the actor.
204. **ACTING.** 3 hours. Yearly.
A continuation of Speech 203.
205. **THEATRE FORMS AND MATERIALS.** 3 hours. Yearly.
A course in applied arts in staging, lighting, and scenery.
206. **DESIGNING THEATRE FORMS AND MATERIALS.** 3 hours. 1966-1967 and alternate years.
Introduction to the principles of design for the theatre.
211. **DEBATE.** 2 hours. Yearly.
Study of the principles of debate with practice in competitive debating for the public and in collegiate tournaments.
220. **DISCUSSION PRACTICES.** 3 hours. 1966-1967 and alternate years.
Study of the principles of participation in panels, round-tables, symposiums, forums with emphasis also placed on leadership in these forms.
231. **THEATRE READING.** 1 hour. Yearly.
Reading course, exploring criticism and theory in the contemporary theatre, through current books and periodicals, and through class discussion.
250. **HISTORIC COSTUME FOR THE STAGE.** 2 hours. 1967-1968 and alternate years.
Prerequisite: Speech 205.
A survey of dress, style, and design of personal scenic elements, for theatrical production. Laboratory experience on current productions in the department.

300. ADVANCED PUBLIC SPEAKING. 3 hours. 1967-1968 and alternate years.
Prerequisite: Speech 200.
Concentrated study in the more formal public address with emphasis on rhetoric, logic, and audience psychology.
306. HISTORY OF THE THEATRE. 3 hours. 1967-1968 and alternate years.
The development of the drama from beginning to the present including highlights of great dramatists and their works and of production.
308. HISTORY OF THE THEATRE. 3 hours. 1966-1967 and alternate years.
Continuation of Speech 306.
311. DEBATE. 2 hours. Yearly.
Continuation of Speech 211.
312. ADVANCED LITERARY INTERPRETATION. 3 hours. 1966-1967 and alternate years.
Prerequisite: Speech 201.
Study of all types of material adaptable for oral presentation, planning of programs, presentation of reading hours.
331. THEATRE READING. 1 hour. Yearly.
332. SPEECH CRITICISM. 1 hour. 1967-1968 and alternate years.
Prerequisite: Speech 200 or consent of instructor.
Study of current speeches and principles of evaluation.
350. HISTORIC COSTUME FOR THE STAGE. 2 hours. 1966-1967 and alternate years.
Continuation of Speech 250.
401. DIRECTING. 3 hours. Yearly.
A study of the development of the director and his responsibilities in the theatre, together with a survey of production principles. One-act plays produced by members of the class. Senior speech or drama majors only.
- 403, 404. SEMINARS. 1 to 3 hours each. Each semester.
Prerequisite: Consent of the chairman.
Advanced courses arranged for the individual major's requirements.
411. DEBATE. 2 hours. Yearly.
Continuation of Speech 311.

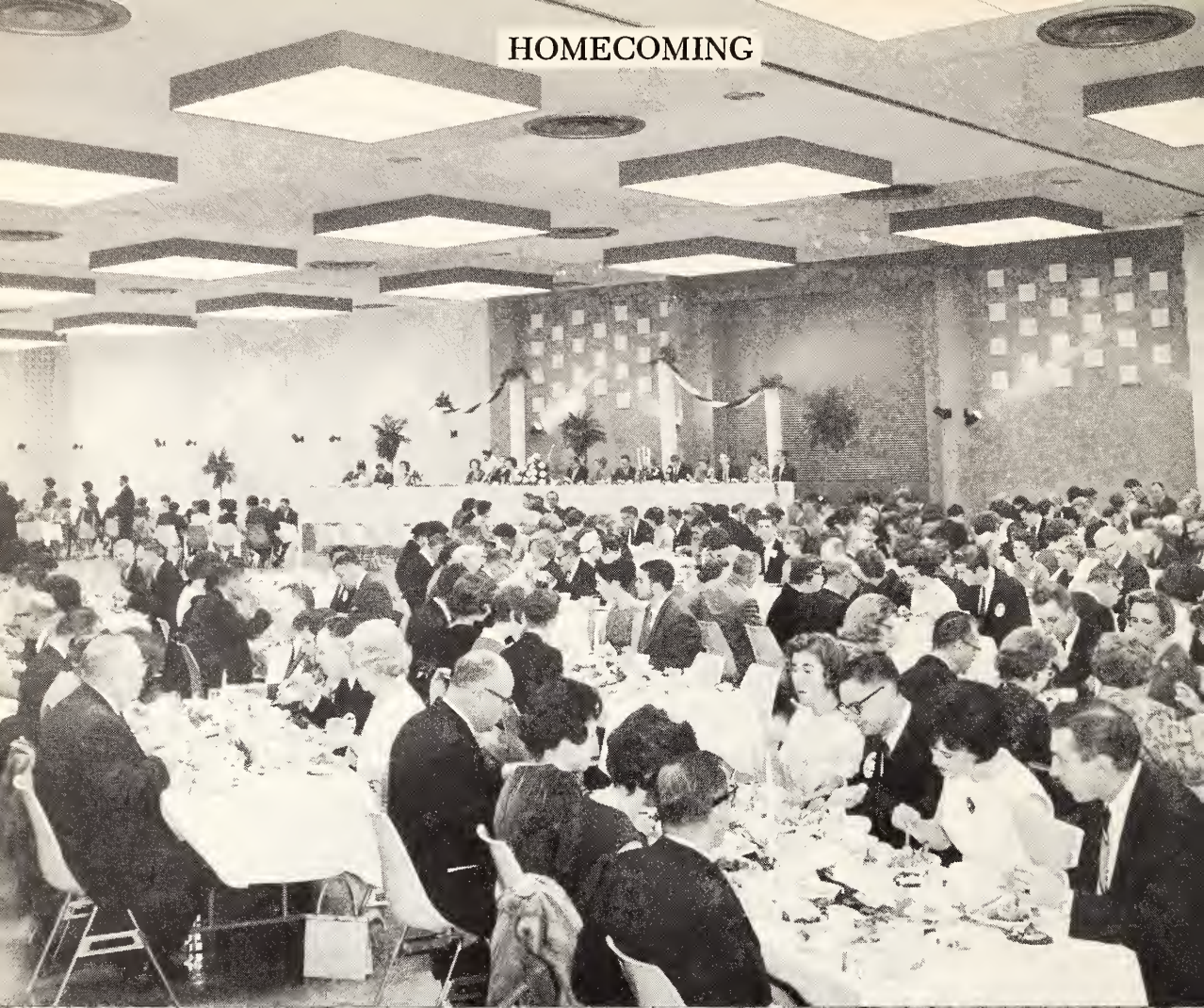








HOMECOMING





TEACHER EDUCATION CURRICULUM

A candidate for certification must register with the Department of Education of Centenary College and must be accepted by the Admissions Committee of the Teacher Education Advisory Council. His course plan must have the written approval of his advisor. He may choose the degree, major, and curriculum as follows:

1. B.S., B.A., and B.M. in a regular academic subject major. This is the conventional degree, major and curriculum for a departmental or divisional major. In addition to the requirements for the degree, however, he must satisfy the teacher education curriculum requirements for certification. On his transcript will appear the statement, "The student has graduated in a teacher education curriculum."

2. B.S. or B.A. in Education. Both the degree and major are in education and will be indicated as such on diploma and transcript. The requirements of the teacher education curriculum leading to certification must be satisfied. A second certification may be obtained by meeting the state requirements in another program.

3. College graduates seeking to complete certification requirements at Centenary College and unable to achieve certification by reciprocity or some other plan approved by the State Department of Education must complete one of these plans but need not earn another degree.

NOTE: Two years in one foreign language is required for the degree of B.A. in Education.

The social studies are economics, geography, government, history, and sociology.

Twelve hours of natural science are required by all certification curricula and must include four hours of biology and four hours of chemistry, geology or physics.

A student enrolled in student teaching cannot take more than a total of thirteen hours.

ELEMENTARY EDUCATION

Freshman Year		Sophomore Year	
English 101-102	6	English 201-202	6
Foreign Language	6 or 8	History 205 or 206	3
Mathematics 101, 105 or 115	6	Music 121 or 122	3
Science with lab.	8	Speech 101	3
Physical Education	2	Science with lab.	4
		Education 102, 205, 200	9
		Psychology 301	3
		Physical Education	2
	28 or 30		33

SUGGESTED COURSE PLANS IN TEACHER EDUCATION 101

Junior Year		Senior Year	
Education 206	3	Education 411	3
Education 311-312	6	Education 400 or 401	6
Geography 205	3	Education 410	1
History 207	3	Social Studies	3
Religion 101-102	6	General Education 402	3
Social Studies	6	Elective	12
Physical Education 239	3		
Physical Education 321 or 424	3		
Elective	3		
	<u>36</u>		<u>28</u>

ART

Freshman Year		Sophomore Year	
English 101-102	6	English 201-202	6
Foreign Language	8	Science with lab.	8
Mathematics	6	History 205, 206	6
Physical Education	2	Physical Education	2
Art. 101, 102, 103-104	12	Education 102	3
		Education 200	3
		Art 203-204	6
	<u>34</u>		<u>34</u>

Junior Year		Senior Year	
Science with lab.	4	General Education 402	3
Religion 101, 102	6	Education 422	6
Social Study	3	Education 410	1
Education 206, 321	6	Art 307, 401-402	9
Psychology 302	3	Social Study	3
Art 301 or 302	3	Elective	9
Art 303-304	6		
Speech 200	3		
	<u>34</u>		<u>31</u>

BIOLOGY

Freshman Year		Sophomore Year	
English 101, 102	6	English 201-202	6
Foreign Language	8	History 205, 206	6
Mathematics 101, 106, 201	6	Biology 201, 202, 210, 203	
Biology 101-102, 111-112	8	204, 217	8
Speech	3	Chemistry 101-102, 111-112	8
Physical Education	2	Education 102, 200	6
		Physical Education	2
	<u>33</u>		<u>36</u>

Junior Year		Senior Year	
Religion 101, 102	6	General Education 402	3
Education 321	3	Education 422	6
Psychology 302	3	Education 410	1
Biology, 200 or 300 courses	8	Biology, 300 or 400 courses	12
Chemistry 201-202	8	Physics	8
Social Studies	6		
	<u>34</u>		<u>30</u>

CHEMISTRY

Freshman Year		Sophomore Year	
English 101-102	6	English 201-202	6
Foreign Language	8	History 205, 206	6
Math 101 or 105, 106	6	Physical Education	2
Physical Education	2	Education 102, 200	6
Biology 101, 102, 111, 112	8	Chemistry 101-102, 111-112	8
Speech 200	3	Mathematics 201	3
		Social Study	3
	<u>33</u>		<u>34</u>
Junior Year		Senior Year	
Religion 101, 102	6	Electives	3
Social Study	3	General Education 402	3
Education 321	3	Education 422	6
Psychology 302	3	Education 410	1
Physics 201, 202	8	Chemistry 215	5
Chemistry 201, 202	8	Mathematics and Science elective	
Mathematics elective	3	from courses numbered 200	
	<u>34</u>	or above	12
			<u>30</u>

ENGLISH

Freshman Year		Sophomore Year	
English 101-102	6	English 201-202	6
Foreign Language	8	Science with lab.	8
Mathematics	6	History 205, 206	6
Physical Education	2	Physical Education	2
Elective	12	Education 102, 200	6
	<u>34</u>	Religion 101-102	6
			<u>34</u>
Junior Year		Senior Year	
English 305, 306, or 405	6	General Education 402	3
English 307, 309 or 310	6	Education 422	6
Social Studies	6	Education 410	1
Education 321	3	English 342	3
Psychology 302	3	Elective in English	6
Science with lab.	4	Elective	9
Speech 200	3		
	<u>31</u>		<u>28</u>

FOREIGN LANGUAGE

FRENCH

Freshman Year		Sophomore Year	
English 101-102	6	English 201-202	6
French 101-102	8	Science with lab.	8
Social Studies	6	Physical Education	2
Mathematics	6	Education 200	3
Physical Education	2	French 201-202	6
Education 102	3	French 203-204	8
Speech 200	3		
	<u>34</u>		<u>33</u>

Junior Year		Senior Year	
Science with lab.	4	General Education 402	3
Religion 101, 102	6	Education 422	6
History 205-206	6	Education 410	1
Education 321	3	French 401, 402, 404, 407	6
Psychology 302	3	Elective	12
French 301-302, 303, 304	6		
Elective	3		
	<u>31</u>		<u>28</u>

GERMAN

Freshman Year		Sophomore Year	
English 101-102	6	English 201-202	6
German 101-102	8	Science with lab.	8
Social Studies	6	History 205, 206	6
Mathematics	6	Physical Education	2
Physical Education	2	Education 102	3
Speech 200	3	Education 200	3
		German 201-202	6
	<u>31</u>		<u>34</u>

Junior Year		Senior Year	
Science with lab.	4	General Education 402	3
Religion 101, 102	6	Education 422	6
Education 321	3	Education 410	1
Psychology 302	3	German 401-402	6
German 301-302	6	Elective	12
Elective	9		
	<u>31</u>		<u>28</u>

LATIN

Freshman Year		Sophomore Year	
English 101-102	6	English 201-202	6
Latin 101-102	8	Science with lab.	8
Mathematics	6	History 205, 206	6
Physical Education	2	Physical Education	2
Social Studies	6	Education 102	3
Speech 200	3	Education 200	3
		Latin 201-202	6
	<u>31</u>		<u>34</u>

Junior Year		Senior Year	
Science with lab.	4	General Education 402	3
Religion 101, 102	6	Education 422	6
Education 321	3	Education 410	1
Psychology 302	3	Latin 407, 408	6
Latin 301-302	6	Elective	12
Elective	9		
	<u>31</u>		<u>28</u>

104 SUGGESTED COURSE PLANS IN TEACHER EDUCATION

SPANISH

Freshman Year		Sophomore Year	
English 101-102	6	English 201-202	6
Spanish 101-102	8	Science with lab.	8
Social Studies	6	Physical Education	2
Mathematics	6	Education 200	3
Physical Education	2	Spanish 201-202	6
Education 102	3	Spanish 203-204	8
Speech 200	3		
	34		33
Junior Year		Senior Year	
Science with lab.	4	General Education 402	3
Religion 101, 102	6	Education 422	6
History 205-206	6	Education 410	1
Education 321	3	Spanish 401, 402, 421, 422	6
Psychology 302	3	Elective	12
Spanish 301-302	6		
Elective	3		
	31		28

MATHEMATICS

Freshman Year		Sophomore Year	
English 101-102	6	English 201-202	6
Foreign Language	8	Science with lab.	8
Mathematics 101, 105, 106	9	History 205, 206	6
Physical Education	2	Physical Education	2
Speech 200	3	Education 102, 200	6
Elective	3	Mathematics 201, 202	6
	34		34
Junior Year		Senior Year	
Science with lab.	4	General Education 402	3
Religion 101, 102	6	Education 422	6
Social Science	6	Education 410	1
Education 321	3	Mathematics 203, 307, 404, 406 ..	6
Psychology 302	3	Elective	15
Mathematics 303, 304, 305, 306 ..	12		
	34		31

BACHELOR OF MUSIC DEGREE

Music Education Major

Vocal Music

FRESHMAN YEAR:		SOPHOMORE YEAR:	
Major Applied 181-182	3-3	Major Applied 275-276	2-2
Music Theory 111-112	2-2	Music Theory 211-212	2-2
Ear Training 117-118	1-1	Ear Training 217-218	1-1
Keyboard Harmony 113-114	1-1	Keyboard Harmony 213-214	1-1
Intro. to Music History & Literature 141-142	2-2	Analysis of Musical Forms 215-216	3-3
¹ Piano 129-130	2-2	Piano 229-230	2-2
English 101-102	3-3	English 201-202	3-3
Physical Education	1-1	Physical Education	1-1
Mathematics	3	Science	4
Ensemble (Choir or Symphony Chorale)	1	Education 200	3
Education 102	3		
	37		37

JUNIOR YEAR:

Major Applied 375-376	2-2
Music History 301-302	3-3
Psychology 302	3
Music Education 321	1
Piano 329-330	2-2
Science	4-4
Mathematics	3
History 205 or 206	3
Social Science	3
Ensemble (Choir or Symphony Chorale)	1
	<hr/> 36

SENIOR YEAR:

Major Applied 475-476	2-2
Practice Teaching 421, 423	3-3
Ensemble (Choir or Symphony Chorale)	1-1
Social Science	3-3
Religion	3-3
Methods 447-448	2-2
General Education 402	3
Education 410	1
Conducting 327-328	1-1
	<hr/> 34

¹ See School of Music Handbook for Piano Proficiency Requirements.

BACHELOR OF MUSIC DEGREE

Music Education Major

Instrumental Music

FRESHMAN YEAR:

Major Applied 181-182	3-3
Music Theory 111-112	2-2
Ear Training 117-118	1-1
Keyboard Harmony 113-114	1-1
Intro. to Music History & Literature 141-142	2-2
¹ Piano 129-130	2-2
English 101-102	3-3
Physical Education	1-1
Mathematics	3
Ensemble (Band or Orchestra)	1
Education 102	3
	<hr/> 37

SOPHOMORE YEAR:

Major Applied 275-276	2-2
Music Theory 211-212	2-2
Ear Training 217-218	1-1
Keyboard Harmony 213-214	1-1
Analysis of Musical Forms 215-216	3-3
Piano 229-230	2-2
English 201-202	3-3
Physical Education	1-1
Science	4
Education 200	3
	<hr/> 37

JUNIOR YEAR:

Major Applied 375-376	2-2
Music History 301-302	3-3
Psychology 302	3
Music Education 321	1
Science	4-4
Orchestration 411-412	2-2
Minor Instrument 331, 333	1-1
Mathematics	3
History 205 or 206	3
Social Science	3
Ensemble (Band or Orchestra)	1
	<hr/> 38

SENIOR YEAR:

Major Applied 475-476	2-2
Practice Teaching 421, 423	3-3
Ensemble (Band or Orchestra)	1-1
Minor Instrument 335, 337	1-1
Social Science	3-3
Religion	3-3
Methods 445-446	2-2
General Education 402	3
Education 410	1
Conducting 325-326	1-1
	<hr/> 36

¹ See School of Music Handbook for Piano Proficiency Requirements.

PHYSICAL EDUCATION

Freshman Year		Sophomore Year	
English 101-102	6	English 201-202	6
Biology 101-102, 111-112	8	History 205, 206	6
Mathematics	6	Biology 217 and lab.	4
Foreign language	8	Physical science (Chemistry, Geology or Physics) with lab. ...	4
Physical education activity 101, 102 or 115, 116	2	Education 102 and 200	6
Speech 200	3	Physical Education 223 and 227	6 or 3 (W)
		Physical Education activity 201, 202 (men) or 215, 216 (women)	2
	<u>33</u>		<u>34 or 31 (W)</u>
Junior Year		Senior Year	
Social Studies	6	Education 422 and 410	7
Psychology 302	3	Gen. Education 402	3
Education 321	3	Physical Education 221, 330, 341, 342, 423, 424, 428 or 430	17 or 20 (W)
Religion 101, 102	6		
Physical Education 222, 225, 321, 324	11		
Physical Education 332 or 333, 334, 335, 338, 341	4		
	<u>33</u>		<u>27 or 30 (W)</u>

PHYSICS

Freshman Year		Sophomore Year	
English 101-102	6	English 201-202	6
Foreign Language	8	History 205, 206	6
Math 101 or 105, 106	6	Physical Education	2
Physical Education	2	Education 102, 200	6
Biology 101, 102, 111, 112	8	Physics 201-202	8
Speech 200	3	Math 201, 202	6
	<u>33</u>		<u>34</u>
Junior Year		Senior Year	
Religion 101, 102	6	General Education 402	3
Social Studies	6	Education 422	6
Education 321	3	Education 410	1
Psychology 302	3	Physics 301-302	8
Chemistry 101-102, 111-112	8	Physics 308-309, 311-312	8
Physics 305	3	Mathematics 307	3
Physics elective	3		
Mathematics 303	3		
	<u>35</u>		<u>29</u>

SOCIAL STUDIES

Freshman Year		Sophomore Year	
English 101-102	6	English 201-202	6
Foreign Language	8	Science with lab.	8
Mathematics	6	History 205, 206	6
Physical Education	2	Physical Education	2
History 101, 102 or 203-204	6	Education 102	3
Sociology 103	3	Education 200	3
Speech 200	3	Economics 201-202	6
	<u>34</u>		<u>34</u>

Junior Year		Senior Year	
Science with lab.	4	General Education 402	3
Religion 101, 102	6	Education 422	6
Government 201	3	Education 410	1
Education 321	3	Select 6 hours from 300-400 level	
Psychology 302	3	in Sociology, Economics,	
Geography 205	3	Government or History	6
History 207	3	Electives	15
Elective	9		
	34		31

SPEECH

Freshman Year		Sophomore Year	
English 101-102	6	English 201-202	6
Foreign Language	8	Science with lab.	8
Mathematics	6	History 205, 206	6
Physical Education	2	Physical Education	2
Speech 101, 112, 200	9	Education 102	3
Elective	3	Speech 201, 203, 205	9
	34		34

Junior Year		Senior Year	
Science with lab.	4	General Education 402	3
Religion 101, 102	6	Education 422	6
Social Science	6	Education 410	1
Education 200, 321	6	Speech 401, 403	5
Psychology 302	3	Electives	15
Speech 211, 220, 332	6		
	32		30

THE DIVISIONAL MAJORS

The Humanities

Lee Morgan, Ph.D., Chairman

The Humanities Division comprises the Departments of Art, Religion, English, Foreign Languages (French, German, Latin, Spanish), Philosophy, and Speech and Drama, and the School of Music.

MAJOR: B.A. in Humanities. Eighty semester hours from the departments listed above, including courses in the humanities prescribed for all students.

SOCIAL SCIENCE: Fifteen semester hours with six from each of two departments and three from any department in the Division. These hours may satisfy the social science requirement of the core curriculum.

MUSIC: Music 141-142.

ART: Art 101, 102.

SPEECH: Speech 111, 307.

The Natural Sciences

Richard Speairs, Ph.D., Chairman

The Division of Natural Sciences includes the Departments of Biology, Chemistry, Geology, Mathematics, and Physics and Engineering Sciences.

The divisional major, with considerable requirements in both biology and chemistry, is designed to meet the needs of pre-medical students, pre-dental students and those interested in related medical sciences.

A divisional natural science major will be a candidate for a B.S. Degree and must complete the courses prescribed for all students, plus the following:

NATURAL SCIENCE: Seventy hours taken in not more than four departments; these seventy hours may include the courses prescribed for all students.

SOCIAL SCIENCE: Fifteen hours, with six hours taken in one of the following departments: Economics 123, 201-202, 204, Education 102, Geography, Government, History, Psychology, and Sociology.

The Social Sciences

W. Ferrell Pledger, Ph.D., Chairman

The Division of Social Sciences includes the Departments of Economics and Business, Education and Psychology, History and Government, Physical Education, and Sociology.

The divisional major is recommended for those planning to enter professional schools of law and for persons who do not plan to continue their studies beyond the baccalaureate degree.

A divisional social science major will be a candidate for a B.S. Degree and must complete the courses prescribed for all students plus the following:

SOCIAL SCIENCE: The sixty-five hours required by the division must include seventeen or eighteen semester hours in each of three subjects within the Social Science Division. A minimum of twenty-seven hours (40%) of the sixty-five hours required in the social sciences for the divisional major must be in the 300 or 400 courses.

A divisional major in the social sciences who selects any three of the following subjects should take the course in those subjects here indicated:

BUSINESS: Business 103-104, 323-324, 321 (or 346), and Economics 329.

ECONOMICS: Economics 201-202 and any 12 hours of 300 and 400 courses.

EDUCATION: At least nine hours must be at the 300 and 400 level.

HISTORY: Not more than six hours at the 100 level; at least 6 hours at the 300 and 400 level.

PHYSICAL EDUCATION: Physical Education 223, 225, 321, 423, 424, 428 (or 239).

PSYCHOLOGY: Psychology 201, 203, 303, 305, and 403 (or 404).

SOCIOLOGY: Sociology 101, 201, 202, 302, 401, 402.

PRE-PROFESSIONAL PROGRAMS

Centenary College has pre-professional programs as follows:

1. 3-2 program in liberal arts and engineering in cooperative agreements with Columbia University, Louisiana Polytechnic Institute, Texas A&M University, and the University of Arkansas, leading to a degree from both Centenary College and the chosen engineering school. Consult the Head of the Department of Physics.

2. Pre-dental and pre-medical curricula to satisfy the prerequisites of the professional school and lead to a B.S. degree with either a departmental or divisional major. Consult the Head of the Department of Biology.

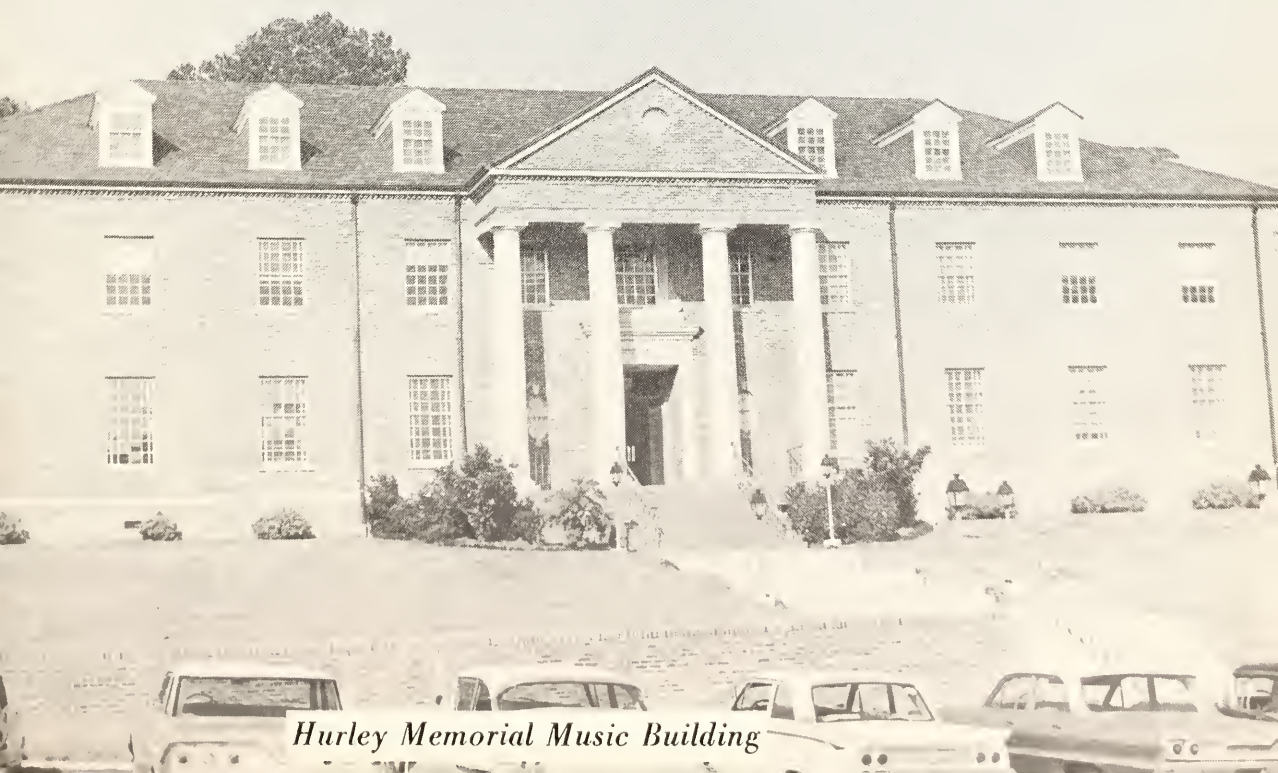
3. Preparatory programs offered for the following fields of medicine: osteopathy, pharmacy, physical therapy, and veterinary medicine. Consult the Head of the Department of Biology.

4. Pre-law curriculum leading to a baccalaureate degree in Business, Economics, Government, History, Psychology, or Sociology. Consult the Head of the Department of History and Government.

5. Pre-theology curriculum leading to a B.A. in any one of the liberal arts disciplines in order to gain admission to a seminary. Consult the Head of the Department of Religion.



Marjorie Lyons Playhouse



Hurley Memorial Music Building



PART IV.
ADMINISTRATION OF THE
CURRICULUM

Changes of Schedule, Drops, and Withdrawals

After registration day, classes may be dropped or added only by permission of the instructors concerned and with the approval of the Dean of the College. Requests to drop or add courses should be made only for exceptional reasons.

Because a student cannot make proper progress in a course if he enters when it is well under way, a limit on late enrollment is set. A student is not permitted to enroll in a course for credit later than the date indicated in the official calendar. A fee for late registration is charged.

A student may be dropped for cause from any course at any time on recommendation of the instructor and approval of the Dean of the College. Sufficient causes for such dropping include lack of preparation, neglect, unwholesome attitude, improper conduct in the classroom, and excessive absences.

Forms for adding and dropping courses may be obtained at the office of the Dean of the College. The form must (1) be filled out by the student; (2) be signed by the instructor concerned; (3) be approved by the Dean of the College. It is the student's responsibility to see that all steps in this process are taken before the deadline noted above and published in the official calendar. A fee is charged for a change of course.

If a student drops a course after the last day for dropping a course without penalty (see official calendar), he will receive a "F" in that course; he cannot after that date change from "credit" to "audit."

Forms for withdrawal may be obtained at the office of the Dean of the College. If, for reasons beyond his control, a student must withdraw from college, his withdrawal must be approved by the Dean and the withdrawal entered on the student's permanent record. **FAILURE TO ATTEND CLASS DOES NOT CONSTITUTE WITHDRAWAL.** A student who does not complete the process of withdrawal will receive "F" in all courses in which he is enrolled when he leaves college. No notice of interruption of work or of withdrawal from college is official unless it is received in writing from the person concerned. It becomes effective only on the date it is received by the college, no matter when it may have been written.

If a student withdraws from college after the last day for dropping a course without penalty (see official calendar), he will receive a grade of "W" on each course.

Absences

A student is expected to attend every meeting of his classes unless prevented by circumstances beyond his control. A student who is absent more than four times in a class which meets three times a week,

or more than three times in a class which meets twice a week, may, at the option of the instructor, be dropped from that course or required to take a reinstatement examination before being permitted to continue it. Students frequently absent from class either with or without good reason may be assigned extra work at the discretion of the instructor.

A student who is absent from a week's consecutive class meetings will be reported by the instructor to the office of Dean of Students, where the reason for his absence will be investigated.

In case of absence for reasonable cause, it is the student's responsibility to explain the circumstances to the instructor.

A student absent from the final examination will receive "F" in the course unless he can show that the cause of absence was beyond his control. Students prevented from taking examinations by such circumstances must get word to the instructor or to the Dean before the final grade of "F" is reported to the Registrar.

Credits, Grades and Quality Points

Credit for college work at Centenary is expressed in semester credit hours. Most courses meet either three times a week for a fifty-minute period or twice a week for a seventy-five-minute period. Such courses carried successfully for one semester will earn three semester credit hours; like courses carried for a year, six semester credit hours.

Courses in laboratory science, physical education activity, art, typewriting, engineering drawing, and the like, where emphasis lies upon the attainment of skill and dexterity, ordinarily meet three hours a week for one semester credit hour.

At the end of each semester, letter grades are given in each course. These grades, and their approximate percentage equivalent are "A," 93 to 100; "B," 85 to 92; "C," 78 to 84; "D," 70 to 77; and "F," below 70. "A," "B," "C," and "D," are passing grades and establish credit in the course taken. "F" signifies failure. No credit is given for a course in which an "F" has been received.

Under extraordinary circumstances, a temporary grade may be given at the end of a semester. It will be either an "E" or a "P." "E" signifies conditional failure and is given when, in the instructor's opinion, distracting influences of a purely temporary kind and over which the student has little control have worked to make him fall below 70%. An "E" may be converted to a passing grade no higher than a "D" within the semester after it was received by any method or assignment judged satisfactory by the instructor. "P" is a non-penalty grade signifying postponement. It is given only to students in good scholastic standing who because of illness or other cause beyond their control are unable to complete the work of the course in the scheduled time. A "P" may be converted to any passing grade within the semester after it was received by completing the work of the course to the instructor's

satisfaction. Either an "E" or a "P" not converted to a permanent grade will be recorded as an "F" after one semester.

Although his grade indicates the quality of a student's work in a particular course, to measure the quality of his academic work as a whole, it is needful to take the average of the grades received in all his courses. This calculation is facilitated by the assignment of "Quality Points" to each letter grade as follows: "A" represents four Quality Points per semester credit hour; "B," three; "C," two; "D," one; and "F," none. The temporary grade "E" is counted as "D" and any grade of "P" is omitted in making such calculation.

Probation and Dismissal Regulations

To qualify for graduation, a student must achieve an average of 2.0 in all work taken in his major department, and an average of 2.0 in all other work taken in the College, figured on a 4.0 scale. Since some students will require a period of adjustment to the freedom and responsibility of college study, the Faculty has set a graduated scale of minimum standards for good academic standing for each year of study. This scale of required cumulative averages is as follows: First year (1 to 30 credits): 1.6; second year (31 to 60 credits): 1.8; third year (61 to 90 credits): 1.9.

A student will be placed on probation for the following reasons:

- (1) If his cumulative average falls below the standards of the above scale;
- (2) if at the end of any year his cumulative average in courses taken in his major falls below 2.0.

Academic probation is intended as a warning to the student that his work has fallen below the standards necessary to allow him to achieve graduation with his class. Probation is for a period of one academic year, although a student who plans to attend summer school at the College, and who may thereby be able to lift his probation, may petition the Dean of the College for an extension of his probation to the end of the summer session.

A student who fails to achieve good standing by the end of his probationary period will be suspended from the College for a minimum of one semester. (The summer session is not counted as the semester for suspension.) A student who has been suspended may apply to the Dean of the College for readmission to the College, but is not guaranteed readmission at that time. If the application is approved, readmission will be on probation, for a period of one semester only, during which time substantial progress must be achieved toward good standing. A second suspension will constitute dismissal, and no further application for admission will be entertained.

Freshmen who have not achieved an average of 1.6 by the end of their first semester will be warned that their work is below acceptable standards of the College. If by the end of his first year the freshman has not achieved an average of 1.3, he will be suspended from the College.

A student whose yearly average in any year falls below 1.0, whether or not he is on probation, is liable suspension.

A student on probation who achieves a yearly average of 2.2 or better will not be suspended, whether or not his cumulative average reaches the required standard for good standing.

Chapel Attendance

All regular students are required to attend the weekly chapel services and student assemblies. For details concerning the administration of this requirement, see "General Education 121," p. 57.

Classification

A "regular student" is defined as one enrolled in twelve or more semester credit hours.

Regular students who have met all specific requirements for the standing claimed are classified as follows, according to the number of semester credit hours they have earned:

Freshmen are those with less than twenty-seven semester credit hours.

Sophomores are those with twenty-seven to fifty-nine hours.

Juniors are those with sixty to eighty-nine hours.

Seniors are those with ninety or more hours.

Freshman and Sophomore Programs

First-year students must enroll in English, physical education activity, and other general subjects recommended by their faculty advisors. Second-year students must enroll in English, physical education activity, and other subjects prescribed in their particular areas of study. These requirements apply to all students whether they plan to graduate at Centenary or not.

Academic Load

The normal student load consists of from fifteen to seventeen semester hours. No student may take more than eighteen in any semester or more than nine in any summer session unless he obtains the special permission of the Dean of the College.

Course Sequence

Students who have received "F" in a course will not be permitted to enroll in a more advanced course in the same subject until they have repeated the course they failed and have passed it.

Students who have failed the first half of a year course may, at the discretion of the instructor and with the approval of the Dean, enroll in the second half. Such enrollment, however, is not recommended.

Students who have received "E" in a course may, with the permission of the instructor, enroll in a more advanced course in the same subject.

Final Examinations

Written examinations of from two to three hours' duration are given at the end of the semester in all courses except those in which the material required does not lend itself to this type of measurement. All students are required to take these examinations with this exception: a senior who is a candidate for a baccalaureate degree at the conclusion of the final semester and whose work is of "A" or "B" quality in the course concerned may, if the instructor permits, be excused from the examination in that course. Unless such excuse is specifically given by the instructor, the examination is required.

Grade Reports

Informal reports on the work of students are made by the instructors from time to time if need of improvement is indicated. At the middle of each semester all instructors submit the grades of students whose average in their courses is below "C" to the Dean of the College. Although these mid-semester reports are not official grades, they do reveal all cases in which the student's work is unsatisfactory or barely satisfactory and are used as the basis of warning letters addressed to the students and their parents.

Official grades are given at the end of each semester and summer session. These are reported to the student and recorded on his official record.

Eligibilities

To hold office or to represent either the student body or the college in any activity, a student must be carrying at least four courses which together represent at least twelve semester credit hours, and with the exception of first semester freshmen, must have a 2.00 quality point average. (Exceptions may be made in cases covered by specific rules filed in the Registrar's office.)

To be initiated into a fraternity or a sorority, a student must be enrolled for not less than twelve semester credit hours and must also in the semester before his initiation have taken a minimum of twelve hours and have earned at least a 2.00 quality point average in them. He must also have paid his financial account with the college to date.

If the whole membership of a fraternity or a sorority fails to maintain a quality point average of at least 2.00 in any semester, it will not be permitted to initiate members the following semester.

Correspondence Credit

Centenary College offers no correspondence courses. A limited amount of elective credit earned by correspondence study with accredited colleges or universities may be accepted if it would be accepted by the institution offering the course toward its own baccalaureate degree. Subjects in the student's major field and courses specifically required for graduation should not be taken by correspondence. Any student who presents correspondence work for credit may be required to pass a special examination over it at the discretion of the Dean of the College or the head of the department or division in which the student is majoring. To insure credit for a correspondence course, the student must, before taking it, submit a written request to the Dean, obtain his written approval, and file both with the Registrar.

Academic Honors

Three levels of honors are conferred at graduation upon candidates for baccalaureate degrees who have demonstrated unusual scholastic ability. Candidates with a quality point average between 3.9 and 4.00 inclusive are graduated "Summa Cum Laude"; candidates with an average between 3.70 and 3.89 inclusive are graduated "Magna

Cum Laude"; and candidates with an average between 3.50 and 3.69 inclusive are graduated "Cum Laude." These honors are recorded on the diplomas and are published in the commencement program.

Pass-Fail Courses

Junior and senior students may enroll for one course each semester, up to a maximum of four, for degree credit but not for letter grade. His work will receive the usual credit given for the course upon certification by the instructor to the registrar that a passing grade has been earned, and the grade recorded will be "Pass." All elective courses in a student's curriculum may be taken under this program, but not courses required by the student's major, nor courses required in the Core Curriculum. After classwork has begun, a student may not change a "Pass-Fail" registration to a regular enrollment, nor a regular enrollment to a "Pass-Fail."





PART V.

CAMPUS ACTIVITIES

Student Government and Honor System

The student body is governed by a Student Senate, composed of the elected officers of the student body, the president of each college class, and representatives at large from the Inter-Fraternity Council, the Pan-Hellenic Council, the non-fraternity men, and the non-fraternity women. Three faculty members serve as advisors to the Senate. A constitution and by-laws adopted by the student body guide all phases of student life except those directly affecting college policy.

Also assisting in governing the women's activities on the campus is the Associated Women Students, an organization of which each full-time woman student becomes a member when she registers.

Each student who enrolls in the college becomes a responsible member of the college community. By matriculating, he assumes the obligation to act in accord with recognized standards of honesty, decency, and integrity in fulfilling the regulations and requirements of academic work. These standards are set forth in an "Honor Code" which is administered by the students through an Honor Court of five selected students. Violations of the code are dealt with by this court.

Religious Organizations

The Baptist Student Union, the Canterbury Club (for Episcopal students), the Methodist Student Movement, the Newman Club (for Roman Catholic students), and the Westminster Fellowship (for Presbyterian students) hold regular meetings on the campus. The Baptist Student Union and the Canterbury Club both have houses near the campus for meetings and social activities.

Forums Series

The Student Forums Series, organized and directed entirely by students, brings outstanding personalities in a variety of fields to the campus. Forums guests during 1966-1967 included drama critic Kay Baxter, professional agitator Saul Alinsky, "angry young man" Colin Wilson, philosophy lecturer Henry G. Bugbee, Jr., political historian Richard Hofstadter, modern theologian William Sloane Coffin, Jr., and poet Miller Williams.

Social Organizations

Centenary has chapters of four social fraternities — Kappa Alpha, Kappa Sigma, Tau Kappa Epsilon, and Delta Sigma — and three social sororities — Alpha Xi Delta, Chi Omega, and Zeta Tau Alpha. The central governing body for the fraternities is the Interfraternity Council; for the sororities, the Pan-Hellenic Council.

The Band

The Centenary College Band presents regular concerts during the year, plays for the home basketball games, plays for civic organizations, and furnishes a small dance band for some of the campus dances. It also makes up a nucleus for the popular Shreveport Summer Band, which presents concerts in the campus open-air theatre during the summer free of charge.

The Choir

The Centenary College Choir, which has an enviable reputation among collegiate choral groups, has appeared on a series of sponsored television shows annually for thirteen consecutive years, and prior to that, was sponsored annually on weekly radio shows. Two highly successful tours of the Far East, a record-breaking engagement at New York's famous Radio City Music Hall and many appearances at Lion International Conventions in places as far distant as Miami Beach and San Francisco are among the highlights of the 25-year-old choir. Other activities include the annual two-week mid-semester tour of South Louisiana and East Texas, concerts throughout the Ark-La-Tex, the "Rhapsody in View" home concert and performances for many church, social and civic groups. The choir's efforts to build good will for the college and community won the Shreveport Advertising Club's "Best Ad of the Year" Award for it in 1951. No organization can win this award more than once.

The Symphony Chorale

The Symphony Chorale gives qualified singers the opportunity to perform the great choral masterpieces with the Shreveport Symphony Orchestra. Some of the works performed in past seasons include "Gloria" — Francis Poulenc, "Mass in G Major" — Franz Schubert, "Carmina Burena" — Carl Orff, and "War Requiem" — Benjamin Britten. All qualified singers are invited to participate.

Opera Workshop

The Opera Workshop Department of the School of Music presents two productions of Chamber Opera during the school year. Presented during the 1966-67 season were "Bastien and Bastienne" — Mozart, "Sunday Excursion" — Alec Wilder, and "The Old Maid and The Thief" — Menotti. Tryouts are open to the entire student body.

Publications

Students who desire to do so may work on the staffs of the *Conglomerate*, the weekly campus newspaper, and the *Yoncopin*, the annual.

Dramatics

The Jongleurs of Centenary College "present drama of imaginative, artistic calibre. . .and provide a diversified dramatic programme." The following plays were presented by the Jongleurs in the Marjorie Lyons Playhouse on the campus in 1966-1967: *The Classical Noh Drama* of Japan, *The World of Carl Sandburg*, the world premiere of *Widow's Walk* by Ramsey Yelvington, *The Great God Brown* by Eugene O'Neill, *The Great Cross Country Race* by Alan Broadhurst, and *Under Milk Wood* by Dylan Thomas, and a number of one-act plays.

Athletic Activities

The Centenary Gentlemen represent the college in intercollegiate basketball, baseball, golf, and tennis. Both the varsity and the freshman teams play a heavy schedule during the season. Supporting the teams, in addition to the elected cheerleaders, is the Pep Squad, made up of coeds interested in attending the games and cheering the Gentlemen on to victory.

Centenary also has a variety of intramural sports. Men's Intramural Football consists of teams which participate in playoffs to determine the champions. The Women's Recreation Association governs the athletic contests in a variety of sports and promotes sportsmanship. The Men's Intramural Council is the governing body for men's intramural sports.

Honor Societies and Service Organizations

Centenary's honor societies, departmental clubs, and service organizations are as follows:

Alpha Chi, national scholastic fraternity open to juniors and seniors who have a 3.5 average and are invited to join.

Alpha Epsilon Delta, national honor society for pre-medical students.

Alpha Psi Omega, national honorary fraternity for dramatics. Pledging and initiation are based upon points earned for working in all phases of playhouse productions.

Alpha Sigma Chi, society of upperclassmen who have a 3.0 average in chemistry and a 2.5 overall average and who have taken or intend to take 16 semester hours of chemistry.

Alpha Sigma Pi, scholastic fraternity for freshmen and sophomores with a 3.5 average.

Association of Women Students.

Cencoe, an intersorority social group.

Centenary Guild Student Group affiliated with the American Guild of Organists.

Centenary Mathematics Club, open to students interested in mathematics.

Cercle Francais de Centenary College, affiliated with the Federation de l'Alliance Francaise aux Etats-Unis et au Canada. Centenary chapter was established in 1929.

Circle K, a service organization of men sponsored by the local Kiwanis clubs.

Delta Tau Omicron, honorary business and economics fraternity. Membership requires a 3.5 average in business and an overall 2.5 average.

Gamma Beta Gamma, national biology fraternity.

Kappa Chi, a non-denominational organization composed of students interested in full-time religious vocations.

Kappa Pi, national art fraternity.

Maroon Jackets, the official hostesses of the campus. Membership requires a 3.0 average and two semesters of residence previous to the semester new members are chosen. Girls are selected for qualities of leadership, scholarship, and character.

Omicron Delta Kappa, national service fraternity recognizing leadership in various fields of campus activities.

Phi Beta, national speech and music fraternity.

Phi Mu-Sinfonia, organization of men interested in music. Inactive, 1963-64.

Phi Sigma Iota, national honor fraternity for Romance Languages. Phi Pi chapter at Centenary was established in 1940.

The Physics Club, the student section of the American Institute of Physics.

Pi Kappa Delta, national honorary forensic fraternity.

Sigma Gamma Epsilon, national geology fraternity. Membership is open to students with 10 hours and a 3.0 average in geology with a 2.0 overall average.

Sigma Pi Sigma, national honorary physics fraternity open to students with a 3.0 grade average and 3 hours of advanced physics.

Sigma Tau Delta, national writing fraternity.

Student Louisiana Teachers Association, open to all students in education.

The Alumni Association

The Alumni Association is an organization for all graduates and former students of the college. It helps them to maintain an active and helpful interest in their alma mater. All alumni receive the publication *This is Centenary*. There are active alumni chapters in Baton Rouge, Dallas, Houston, Monroe, New Orleans, Shreveport.

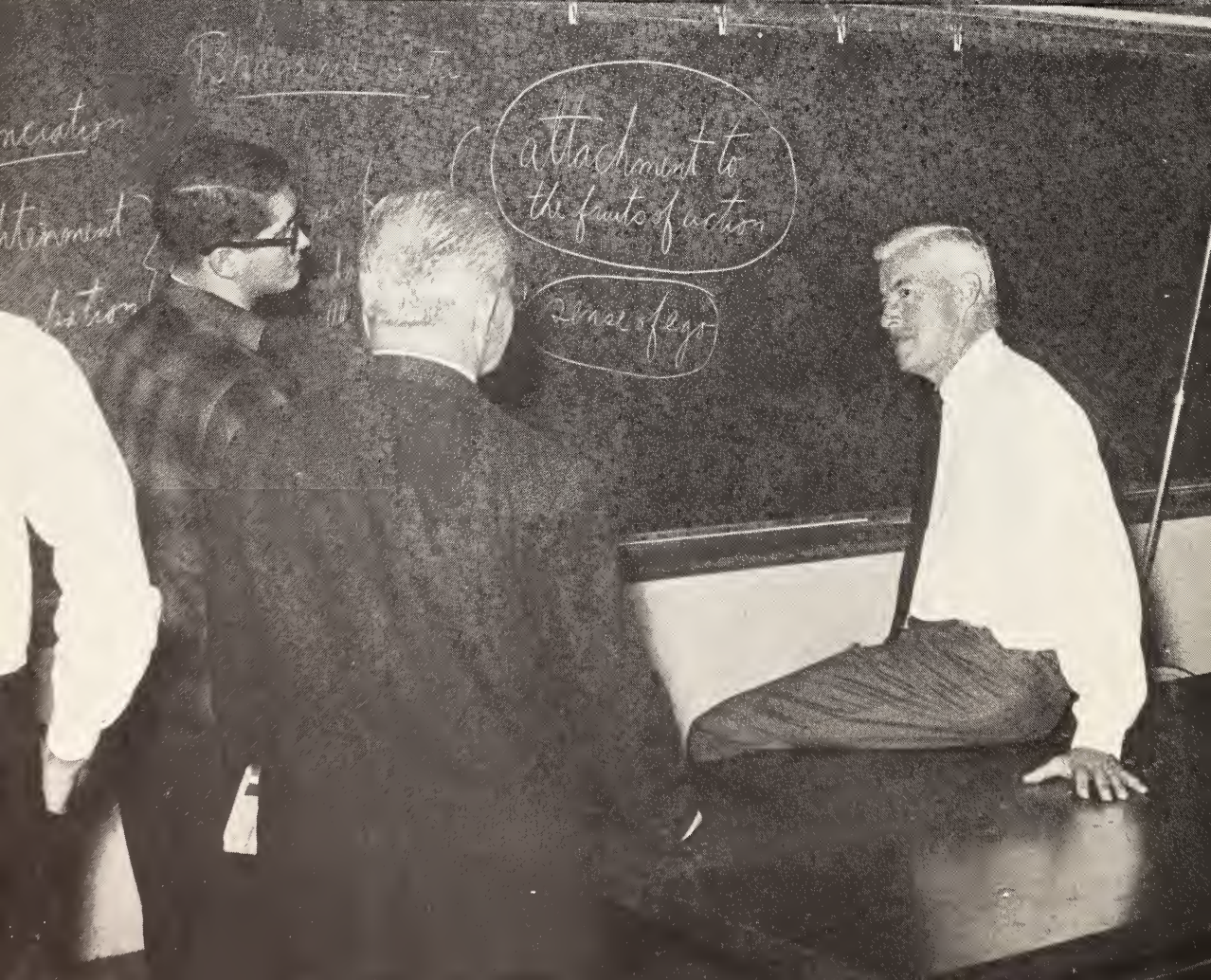
Bookstore

The College Bookstore in the Moore Student Activities Building stocks the textbooks and supplies which will be needed by students. It also stocks a wide array of the better paperbacks and some trade books.

Lyceum Series

The Lyceum Series brings nationally known lecturers and musicians to the campus each year. During 1966-1967, programs were presented by the following: Jorge Marel, Guitarist; Danforth Lecturer, Kay Baxter — Contemporary Theatre; Sylvia Zarembo, Pianist; Danforth Lecturer, Dr. Henry Bugbee—Philosophy; Eugene Jemison, Folk-singer-Artist-Printmaker. No admission is charged Centenary College students, as the cost is included in the tuition rate.





PART VI.
PHYSICAL AND FINANCIAL
RESOURCES

Campus and Buildings

The campus is a beautiful tree shaded 64 acres with an adjoining 30 acres devoted to an athletic field and campus utilities. The Administration offices, classrooms and dormitories are all located on the main campus.

Among the college buildings are these:

CAMPUS ACTIVITY BUILDINGS

The Randle T. Moore Student Activities Building is a completely modern air-conditioned facility housing most student activities. It includes a large recreation hall, a snack bar, bookstore, the campus post office, the news bureau, faculty lounge and facilities for the student publications.

The Cafeteria is completely modern and air-conditioned and is conveniently located in the center of the campus. Students, Faculty and staff members eat at the cafeteria during college sessions.

The Brown Memorial Chapel was a gift from Paul M. and S. Perry Brown in memory of their parents, the Reverend and Mrs. Paul M. Brown and their brother, Ellis Brown. The main chapel will seat the entire student body. There is also a smaller chapel for meditation.

The Marjorie Lyons Playhouse, the gift of the Charlton H. Lyons family, is a magnificent theatre which also contains workshops, classrooms and offices for the Department of Speech and Drama.

The Hargrove Memorial Bandshell was donated to the college by the family of Reginald Henry Hargrove. Completed in 1964, it provides complete facilities for outdoor concerts, plays, commencement exercises and other open air assemblies. The amphitheatre seats 2500 persons.

The sorority and fraternity houses and the Baptist Student Union and the Canterbury Club are all located on streets adjoining the main campus.

The Administration Building houses all of the staff offices of the college administration.

CLASSROOM BUILDINGS

Jackson Hall contains the offices and classrooms of the Departments of Art, English and Foreign Languages.

The Mickle Hall of Science contains the offices, classrooms and laboratories of the Departments of Biology, Botany, Chemistry, Geology,

Mathematics, Physics, Engineering Sciences, Psychology and Education. There is a small auditorium in this building for general use.

The Library Building contains classrooms and offices for the Departments of Business and Economics and History and Government.

The Ed E. Hurley Memorial Music Building, a gift of Mrs. Hurley in memory of her late husband, is a carefully planned facility containing sound-proof studios, rehearsal rooms, practice rooms, a modern recording studio, and a beautifully finished recital hall for student and faculty performances.

The R. E. Smith Religious Building, a gift of the Louisiana Conference of the Methodist Church in 1961 provides offices and classrooms for the Departments of Religion and Sociology. There is also a small auditorium for general college use.

The Haynes Memorial Gymnasium was donated to the college by the late W. A. Haynes and was named in his memory since his death. It contains a basketball court, handball courts and offices and classrooms for the Department of Health and Physical Education.

DORMITORIES

All dormitories are completely air-conditioned.

Cline Dormitory, a residence hall for men was named in honor of the late president Pierce Cline. Built in 1963, a 3rd floor was recently added making rooms for 232 students.

Rotary Hall was donated to the college by the Shreveport Rotary Club and additions were made in 1954 and 1965. It houses 136 men.

Sexton Hall, named in honor of the late president George Samuel Sexton. Completed in 1960, it houses 84 women students.

James Memorial Dormitory was a gift of the T. L. James family in memory of Mr. James. Built in 1954, it has rooms for 96 women.

Hardin Hall, a dormitory named in honor of the late Dean John A. Hardin, was first occupied in 1957. It can care for 68 women students.

LIBRARY

Head Librarian: Assistant Professor Charles Harrington

Assistant Professor Kathleen Owens; Assistant Professor Irene Cook; Mrs. Wynell Arnold; Mrs. Mary Gayer; Miss Linda Morris; Miss Margie Rambin and Mrs. Czarena Stuart.

The New Centenary Library, which opened during the spring semester of 1963, contains approximately 79,000 volumes of books and

bound magazines arranged according to the Dewey Decimal Classification System. The library also has some 600 music recordings and over 100 works of art. Open stacks, excellent lighting, good acoustics and year round air conditioning are among the most appealing features.

Library facilities include eight special rooms for group study, a room for typing, and carrels, desks and study tables which can accommodate up to four hundred individuals. The foyer is used for art exhibits. The Pierce Cline Memorial Room houses Louisiana Materials, the early records of the college, the records of the Louisiana Conference of the Methodist Church and several rare and near-rare books. The magazine area provides easy access to current periodicals. Five quality record players are available for use in the music listening room. The Library thus provides the facilities and is the center for the intellectual activities of the Centenary campus.

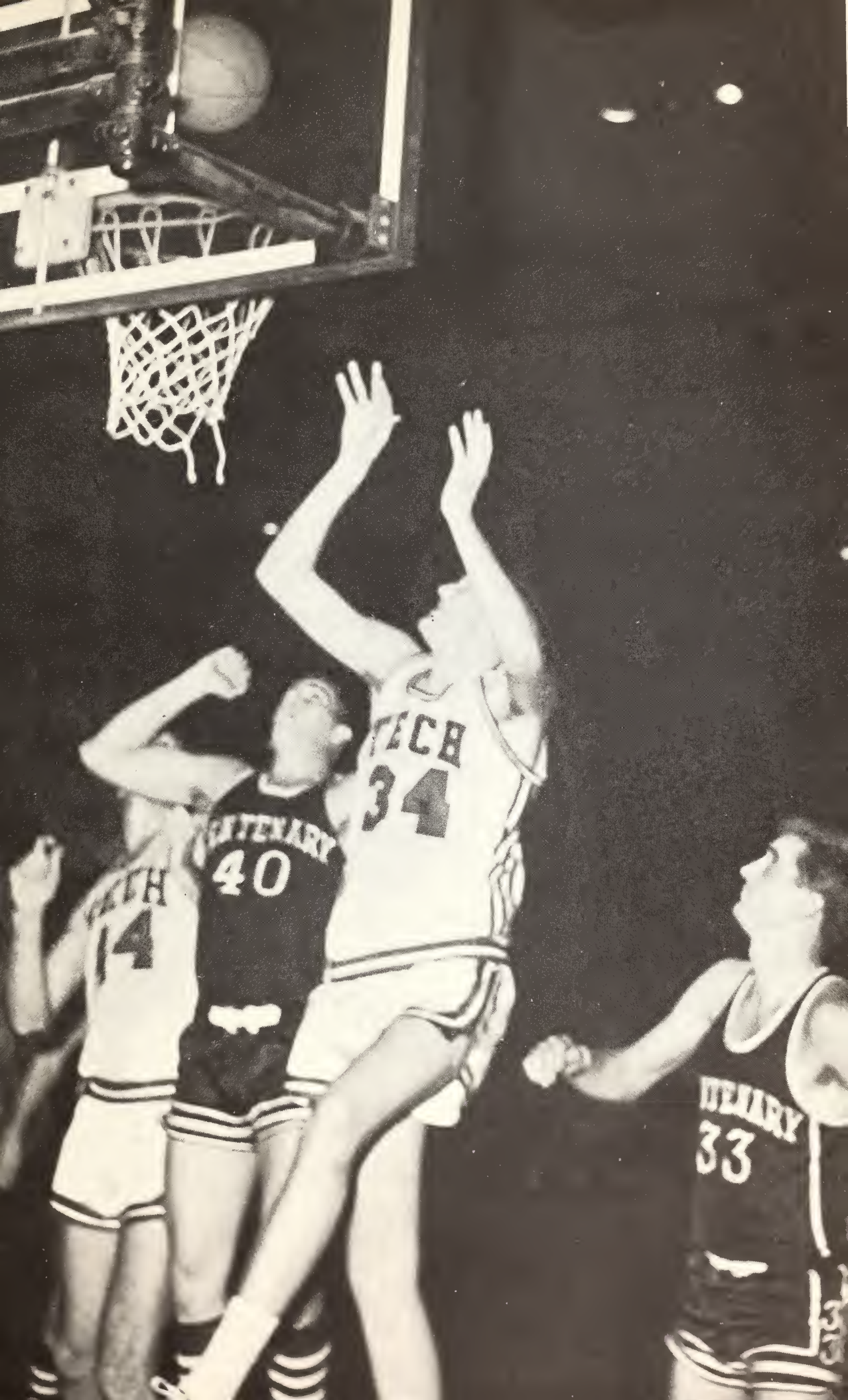
Financial Resources

Centenary receives financial support from individual donors, corporations, foundations, and endowment funds. It has income from "living endowments" from the churches of the Louisiana Conference and from special designated scholarship funds.

The Willson Lectureship

The Willson Lecture Series is made possible by the generosity of Dr. and Mrs. J. M. Willson of Floydada, Texas, who have provided an endowment for speakers in the fields of religion and education. The Willsons sponsor lectures in some twenty colleges, universities and civic institutions. Dr. Willson is Chairman of the Board of McMurry College of Abilene, Texas, and has been listed in several editions of *Who's Who in America*. Mrs. Willson is a member of the Board of Trustees of Texas Wesleyan College, and is included in *Who's Who Among American Women*.

The fourteenth annual lecturer was Dr. Thomas C. Oden, Professor of Ethics and Historical Theology, The Graduate Seminary, Phillips University, Enid, Oklahoma.





PART VII.
REGISTER

Centenary College of Louisiana

BOARD OF TRUSTEES**Officers**

George D. Nelson, *Chairman*
Howard Crumley, *Vice-Chairman*
Edwin F. Whited, *Secretary*

Term Expires in 1967

G. M. Anderson
J. Henry Bowdon
S. Perry Brown
Dana Dawson, Jr.
D. L. Dykes, Jr.
James T. Harris
Mrs. E. E. Hurley
G. W. James
T. B. Lanford
Tom H. Matheny
John L. Scales, Sr.
Albert Sklar
Edwin F. Whited

Term Expires in 1968

Douglas Attaway
J. Pat Beaird
R. Zehntner Biedenharn
Mrs. Charles N. Cadwallader
Sam B. Grayson
George W. Harbuck
Sam H. Jones
Mrs. L. B. Kilpatrick
Charles D. Knight
J. C. Love, Jr.
Douglas L. McGuire
Sam Nader
James N. Patterson
Cecil E. Ramey, Jr.

Dale Waller
J. Robert Welsh

Term Expires in 1969

John B. Atkins, Jr.
William Russell Barrow
Charles Ellis Brown
Howard Crumley
Marlin W. Drake
W. Crawford Fullilove, Jr.
James C. Gardner
O. D. Harrison
Emmett Hook
Mrs. Glenn Laskey
Carl F. Lueg
Charlton Lyons, Jr.
George D. Nelson
Bentley Sloane
Donald W. Weir
N. H. Wheless, Jr.

Ex-Officio Members

Aubrey G. Walton
Jack S. Wilkes

Life Members

Lamar Baker
W. L. Doss, Jr.
Mrs. D. P. Hamilton
Guy M. Hicks
H. L. Johns
Henry O'Neal
Bonneau Peters
George D. Wray

ADMINISTRATION

JACK STAUFFER WILKES, B.A., B.D., D.D., LL.D.....	<i>President</i>
T. N. MARSH, B.A., M.A., B.LITT.....	<i>Dean of the College</i>
AUBREY L. FORREST, B.A., M.A., Ph.D.....	<i>Dean of Students and Director of Evening Division</i>
FREDERICK H. DELANEY, B.S., M.S.....	<i>Director of Development Program</i>
FRANK D. AUSTIN, B.S., M.S.....	<i>Comptroller</i>
MRS. SHIRLEY BAIRD RAWLINSON, B.A.....	<i>Dean of Women</i>
MRS. ROSEMARY EUBANKS.....	<i>Assistant to the Dean of Students</i>
MRS. NELLIE BROWN, A.B.....	<i>Registrar</i>
MRS. EDNA S. WORLEY, A.B.....	<i>Assistant Registrar</i>
JESSE OUTLAW, B.A.....	<i>Assistant Comptroller</i>
BUREN S. FOLSOM, B.S., M.Ed.....	<i>Director of Admissions</i>
CHARLES T. BOLDING, B.G.E.....	<i>Assistant Director of Admissions</i>
MRS. ELEANOR MACCURDY.....	<i>Admissions Counselor</i>
JACK MULKEY, B.A.....	<i>Admissions Counselor</i>
ROBERT E. DURAND, B.A.....	<i>Alumni Director</i>
CHARLES W. HARRINGTON, B.A., M.A., M.S.....	<i>Librarian</i>
ROBERT E. TAYLOR, A.B., B.D.....	<i>Minister to the Campus</i>
MAURIE WAYNE.....	<i>Director of Public Information</i>
MRS. LOIS GOWAN.....	<i>Teacher Placement Bureau</i>
MRS. E. M. CLARK, A.B.....	<i>Manager of the Bookstore</i>
MRS. FANNIE NICHOLS.....	<i>Student Activities Counselor</i>
MRS. ROBBIE CAMPBELL, R.N.....	<i>College Nurse</i>
MRS. FRANCES HAZZARD, B.S., ADA.....	<i>Food Service Director</i>
H. E. RANEY, JR.....	<i>Superintendent of Buildings and Grounds</i>

THE FACULTY

1966-1967

JACK STAUFFER WILKES, 1964-, *President of the College.*

B.A., 1938, Hendrix College; B.D., 1941, Southern Methodist University;
D.D., 1956, Oklahoma City University; LL.D., 1958, McMurry College.

RUTH JOY ALEXANDER, 1958-, *Associate Professor of Speech.*

B.A., 1944, Texas State College for Women; M.A., 1955, University of Wisconsin.

PHILLIP D. ANDERSON, *Instructor in Speech and Drama.*

B.S., 1962, St. Cloud State College; M.A., 1966, Indiana University.

EMMETT ASSEFF, *Professor of History and Government.*

B.A., M.A., Louisiana State University; Ph.D., University of North Carolina.

THEODORE T. BECK, 1961-, *Professor of French and Head of Department of Foreign Languages.*

A.B., 1928, Colgate; M.A., 1940, University of Georgia; Ph.D., 1961, Louisiana State University.

ILSE K. BISSELL, 1965-, *Instructor in German.*

A.B., 1957, M.A., 1958, University of Bonn, Germany; Diploma, Berlitz School, 1960.

BARBARA FAYE BODDIE, 1964-, *Instructor in Physical Education.*

B.S., 1963, Texas Christian University.

ZEAK M. BUCKNER, 1962-, *Instructor in English.*

B.A., 1956, Centenary; M.A., 1962, Texas Christian University.

LESLIE E. BURRIS, 1957-, *Assistant Professor of English.*

B.A., 1950, Millsaps College; M.A., 1956, University of Mississippi. On leave.

JOYCE ANNE CAMERON, 1965-, *Instructor in Music.*

A.B., 1963, Pomona College; M.M., 1965, Indiana University.

VIRGINIA CARLTON, 1946-1948 and 1957-, *Professor and Head of the Department of Mathematics.*

B.S., 1939, Centenary College; M.S., 1940, Tulane University; Ph.D., 1959, Northwestern University.

GILBERT M. CARP, 1966-, *Associate Professor of Music and Acting Director of the School of Music.*

B.M.Ed., 1947, L.S.U.; B.M., 1949, M.M., 1952, Converse College; Graduate study, Florida State University.

CAROL BURTON CASAVANT, 1966-, *Instructor in Education and Psychology.*

B.A., 1964, Emory University; M.Ed., 1965, University of Chattanooga.

B. P. CAUSEY, 1941-, *Associate Professor Music.*

B.A., 1939, Northwestern State College; M.M., 1954, Northwestern University.

EDWARD MURRAY CLARK, 1946-, *Professor.*

A.B., 1921, College of Emporia; M.A., 1933, Ph.D., 1941, University of Oklahoma.

IRENE S. COOKE, 1962- *Assistant Professor, Cataloger.*

B.A., 1934, Southwestern Louisiana Institute; B.S., 1937, Library Science, L.S.U.

WILLARD COOPER, 1958-, *Associate Professor and Head of the Department of Art.*

B.A., 1947, Centenary College; M.F.A., 1949, Escuela Universitaria de Bellas Artes, Mexico.

- ORLIN R. COREY, 1960-, *Associate Professor and Head of Department of Speech and Drama*.
B.A., 1951, M.A., 1952, Baylor University; Baylor Art School in Paris, 1952; Certificate for Professional Study, Central School of Speech and Drama, London; Graduate study, University of London.
- ANTONIO CURBELO, 1966-, *Assistant Professor of Spanish*.
B.A., 1941, Candler College of Cuba; Ed.D., 1945, Havana University, Cuba.
- DONALD M. DANVERS, 1960-, *Instructor in Mathematics*.
B.A., 1956, M.A., 1958, Northwestern University.
- BRYANT DAVIDSON, 1928-, *Professor of History and Government*.
A.B., 1925, Hendrix College; M.A., 1928, Columbia University; LL.D., 1960, Hendrix College.
- RONALD E. DEAN, 1960-, *Assistant Professor of Music*.
B.A., 1954, Williams College; M.M., University of Michigan, 1957.
- VANNIE EDWARDS, 1964-, *Instructor in Physical Education*.
B.S., 1959, Southeastern Louisiana College.
- HOWARD M. ELDER, 1959-, *Assistant Professor of Latin*.
A.B., 1920, Washington and Lee University; M.A., 1927, University of Chicago.
- HERBERT V. FACKLER, 1965-, *Instructor in English*.
B.A., 1964, Centenary College; M.A., 1965, New Mexico Highlands University.
- RAYMOND A. FLORES, 1966-, *Assistant Professor of Modern Languages*.
B.A., 1953, U.S.L.; M.A., 1955, (Middlebury, Vt.), L.S.U.
- AUBREY L. FORREST, 1966-, *Associate Professor of Education and Psychology and Dean of Students and Director of the Evening Division*.
B.A., 1956, Nebraska Wesleyan; M.A.; Ph.D., 1959, Northwestern University.
- LOUIE A. GALLOWAY, 1966-, *Associate Professor of Physics and Acting Head of Department of Physics*.
A.B., 1958, Hendrix College; M.S., Ph.D., 1966, Case Institute of Technology.
- WILFRED L. GUERIN, 1953-1962 and 1963-, *Professor of English*.
B.A., 1951, M.A., 1953, Ph.D., 1958, Tulane University.
- JAMES M. HARRIS, 1966-, *Assistant Professor of Business and Economics*.
B.S., 1941, Texas A and M; M.B.A., 1966, University of Houston.
- JERRY LYNN HARRIS, 1966-, *Instructor in Physics*.
B.S., 1962; M.S., 1963, Louisiana Polytechnic.
- ALTON O. HANCOCK, 1964-, *Assistant Professor of Religion (and History)*.
B.A., 1954, Centenary College; B.D., 1957, Emory University; Ph.D., 1962, Emory University.
- MARVIN WAYNE HANSON, 1959-, *Associate Professor of Chemistry*.
B.S., 1950, Centenary College; M.S., 1953, Ph.D., 1964, University of Houston.

MONAS HARLAN, 1959-, *Associate Professor of Music.*

B.M., 1938, Westminster College; M.M., 1950, University of Southern California; Juilliard Graduate School of Music.

IVAN LUTHER HARLESS, 1965-, *Instructor in Physical Education.*

B.S., 1961, Louisiana Polytechnic Institute; M.S., 1962, Louisiana State University.

CHARLES W. HARRINGTON, 1962-, *Assistant Professor, Head Librarian.*

A.B., 1944, University of North Carolina; M.A., 1953, University of New Mexico; M.S., 1961, Library Science, Louisiana State University.

CHARLES A. HICKCOX, 1946-, *Professor and Head of the Department of Geology.*

B.S., 1934, Middlebury College; M.S., 1939, University of Oklahoma.

ELIZABETH HUGHES, 1953-, *Assistant Professor of Education.*

A.B., 1930, Centenary College; M.A., 1955, Stephen F. Austin State Teachers College.

EARLE LABOR, 1966-, *Professor of English.*

B.A., 1949, M.A., 1952, S.M.U.; Ph.D., 1961, University of Wisconsin.

CHARLES BOYCE LOWREY, 1966-, *Assistant Professor of Chemistry.*

B.S., 1963, Centenary College; Graduate study, University of Houston.

WALTER M. LOWREY, 1963-, *Professor of History.*

B.A., 1942, M.A., 1947, Louisiana State University; Ph.D., 1956, Vanderbilt University.

ROBERT D. MACCURDY, 1960-, *Professor of Education and Head of the Department of Education and Psychology.*

B.S., 1938, University of Massachusetts; M.S., 1939, Michigan State University; Ed.D., 1954, Boston University.

DONALD D. MCKINNEY, 1966-, *Instructor in Physical Education.*

B.S., 1963, Henderson State College; M.S., 1966, Kearney State College.

THOMAS W. MCNAIR, 1964-, *Instructor in English.*

B.A., 1958, Millsaps College; M.A., 1964, Vanderbilt University.

C. R. MCPHERSON, JR., 1965-, *Assistant Professor of Business and Economics.*

B.S., 1953, M.B.A., 1954, East Texas State University.

T. N. MARSH, 1966-, *Dean of the College and Professor of English.*

B.A., 1948, University of Kansas; B.A., 1951, University of Oxford; M.A., 1955, Oxford, B. Litt., 1957, Oxford.

OPAL P. MENELEE, 1949-, *Assistant Professor of Business.*

B.S., 1945, Louisiana Polytechnic Institute; M.B.A., 1949, Louisiana State University.

R. THOMAS MERRILL, 1966-, *Instructor in French.*

B.A., 1964, Wabash College; M.A., 1966, University of Kansas.

JAMES DOUGLAS MOOTY, 1956-, *Instructor in Physical Education.*

B.S., 1951, Centenary College.

IRA LEE MORGAN, 1954-, *Professor of English.*

B.A., 1949, Hendrix College; M.A., 1950, University of Tennessee; Ph.D., 1954, University of Florida.

- W. DARREL OVERDYKE, 1934-, *Professor of History and Government*.
A.B., 1928, Centenary College; M.A., 1930, Louisiana State University;
Ph.D., 1941, Duke University.
- KATHLEEN M. OWENS, 1961-, *Assistant Professor, Assistant Librarian*.
A.B., 1931, Centenary College; M.S., 1961, Library Science, Louisiana
State University.
- EDMOND M. PARKER, 1947-, *Professor of Engineering Sciences*.
B.S., 1946, Southeastern Oklahoma State College; M.S., 1950, East Texas
State Teachers College.
- WOODROW W. PATE, 1949-, *Professor of Economics and Head of the
Department of Economics and Business*.
A.B., 1936, Henderson State Teachers College; M.A., 1938, Louisiana
State University; Ph.D., 1949, University of North Carolina.
- FRANCES MARY PERKINS, 1947-, *Assistant Professor of Piano and
Theory*.
A.B., 1944, B.M., 1947, Centenary College; M.M., 1947, Chicago Musical
College.
- W. FERRELL PLEDGER, 1953-, *Professor of Sociology and Religion, and
Head of the Department of Sociology*.
B.A., 1935, M.A., 1936, Southwestern University; B.D., 1937, Duke Uni-
versity; Ph.D., 1944, Hartford Seminary Foundation.
- WEBB DONNOLLY POMEROY, 1953-, *Professor and Head of the Depart-
ment of Religion*.
A.B., 1944, Centenary College; B.D., 1946, Union Theological Seminary;
Ph.D., 1953, University of Edinburgh.
- VIVA L. RAINEY, 1964-, *Assistant Professor of Government and History*.
B.A., 1934, M.A., 1947, University of Chicago; Ph.D., 1961, University of
Madrid.
- CLAUDE E. ROBERTSON, JR., 1966-, *Assistant Professor of English*.
B.A., 1961, L.S.U.; M.A., 1963, L.S.U.; Graduate study, L.S.U.
- ROSEMARY SEIDLER, 1966-, *Assistant Professor of Chemistry*.
B.S., 1961, Loyola University; Ph.D., 1966, Tulane University.
- FARIEBEE PARKER SELF, 1946-, *Associate Professor of Mathematics*.
A.B., 1928, Northwestern State College; M.A., 1940, Louisiana State
University.
- NOLAN G. SHAW, 1955-, *Assistant Professor of Geology*.
A.B., 1951, Baylor University; M.S., 1956, Southern Methodist University;
Ph.D., 1966, Louisiana State University.
- ORVIS V. SIGLER, JR., 1958-, *Assistant Professor of Physical Education,
Basketball Coach and Director of Intercollegiate Athletics. Acting
Head of Department of Health and Physical Education*.
B.S., 1948, Southwest Missouri State College.
- ETOYAL SMITH, 1963-, *Health and Physical Education*.
B.S., 1960, M.S., 1961, University of Southern Mississippi. (On leave).
- VERA SNELLING, 1964-, *Assistant Professor of Education*.
B.S., 1937, Centenary College; M.A., 1946, George Peabody College for
Teachers.

- BETTY MCKNIGHT SPEAIRS, 1947-, *Assistant Professor of Mathematics*.
A.B., 1946, M.A., 1947, Southern Methodist University.
- RICHARD K. SPEAIRS, JR., 1949-, *Associate Professor of Biology*.
B.S., 1941, Oklahoma State University; M.S., 1947, Ph.D., 1957, Louisiana State University.
- EMMA L. STRINGFELLOW, 1965-, *Assistant Professor of Education and Psychology*.
B.S., 1924, M.A., 1931, Louisiana State University; Ed.D., 1956, New York University.
- ROBERT ED. TAYLOR, 1961-, *Assistant Professor of Religion and Minister to the Campus*.
A.B., 1952, Centenary College, B.D., 1955, Perkins School of Theology.
- STANTON A. TAYLOR, 1961-, *Associate Professor of Chemistry*.
B.S., 1949, Northwestern University; M.S., 1955, Iowa State University. Ph.D., 1965, University of Oklahoma.
- WILLIAM CHANDLER TEAGUE, 1948-, *Assistant Professor of Music*.
B.M., 1948, Curtis Institute of Music.
- FRANK V. TOUCHSTONE, 1963-, *Associate Professor of Psychology*.
B.A., 1950, Southern Methodist University; M.S., 1952, Ph.D., 1957, Purdue University.
- GEORGE WILLIAM TREESE, 1963-, *Instructor in Mathematics*.
B.S., 1959, McNeese State College; M.S., 1962, Louisiana State University.
- LEROY VOGEL, 1946-, *Professor and Head of the Department of History and Government*.
A.B., 1932, Th.B., 1935, Calvin College and Seminary; Th.M., 1936, Princeton Seminary; Ph.D., 1938, Heidelberg University.
- ALVIN C. VORAN, 1937-, *Associate Professor of Choral Literature*.
A.B., 1928, McPherson College; B.M., 1932, Chicago Conservatory of Music; Mus.D., 1957, McPherson College.
- MARY WARTERS, 1927-, *Professor and Head of the Department of Biology*.
A.B., 1923, Shorter College; M.A., 1925, Ohio State University; Ph.D., 1943, University of Texas.
- ROBERT JOHNSON WATTS, 1965-, *Assistant Professor of German*.
A.B., 1946, M.A., 1947, Duke University.
- ORIN P. WILKINS, 1955-, *Associate Professor of Biology*.
B.A., 1946, M.A., 1948, Ph.D., 1955, University of Texas.
- JOHN O. WILLIAMS, 1966-, *Instructor in Mathematics*.
B.A., 1961, Centenary College; M.A., 1966, University of Texas.
- J. D. WILLIS, 1965-, *Instructor in English*.
B.A., 1964, Northwestern State College; M.A., 1965, Tulane.
- GEORGE J. ZAHER, JR., 1966-, *Instructor in Philosophy (Woodrow Wilson Intern)*.
B.A., 1964, Fordham; M.A., 1966, Yale.

EMERITI

- ELMER LEE FORD, 1929-1961, *Professor of Foreign Languages*.
A.B., 1915, M.A., 1916, Howard College; Docteur de L'Universite de Lyon, 1927.
- HELEN RUFFIN MARSHALL, 1941-1959, *Assistant Professor of Voice*.
Graduate, 1909, New England Conservatory.
- OTHA KING MILES, 1943-1960, *Professor of Education and Psychology*.
A.B., 1931, Centenary College; M.A., 1932, Ph.D., 1942, University of Texas.
- BRUNO STRAUSS, 1939-1964, *Professor of German and History*.
Ph.D., 1911, University of Berlin.
- RALPH E. WHITE, 1927-1959, *Professor of Modern Languages*.
A.B., 1916, M.A., 1923, Emory University; Ph.D., 1949, University of Texas.

LIBRARY STAFF

- CHARLES W. HARRINGTON, 1962-, *Assistant Professor, Head Librarian*.
A.B., 1944, University of North Carolina; M.A., 1953, University of New Mexico; M.S., 1961, Library Science, Louisiana State University.
- KATHLEEN M. OWENS, 1961-, *Assistant Professor, Assistant Librarian*.
A.B., 1931, Centenary College; M.S., 1961, Library Science, Louisiana State University.
- IRENE S. COOKE, 1962-, *Assistant Professor, Cataloger*.
A.B., 1934, Southwestern Louisiana Institute; B.S., 1937, Library Science, Louisiana State University.
- CZARENA STUART, 1960-, *Head of Circulation Department*.
- LINDA MORRIS, 1963-, *Acquisitions Assistant*.
- MARY GAYER, 1965-, *Serials and Exchange Assistant*.
B.A., 1965, Centenary College.
- MARGIE ANNE RAMBIN, 1966-, *Cataloging Assistant*.
A.B., 1965, Northwestern State College.
- WYNELL ARNOLD, 1963-, *Library Secretary*.

PART-TIME FACULTY

- JAMES W. ADAMS, *Business*.
B.S., 1957, University of Pennsylvania.
- EDWIN A. ADAMZCAK, *Business*.
B.S., 1959, University of Buffalo.
- DANIEL O. BAKER, *Part-time Physics*.
B.S., 1962, Mississippi State U.; M.S., 1964, Mississippi State University.

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B.S., 1949, Northwestern State College; C.P.A., 1958.

GRACE BELL, *Business*.

A.B., 1918, Northwestern State College.

LORELLE BENDER, *English*.

B.A., 1932, M.A., 1940, Louisiana State University.

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B.S., 1958, Oklahoma University; M.S., 1960, Oklahoma University.

DOROTHY J. BIRD, *Education*.

BBA., 1954, M.S., 1955, East Texas State College; Ed.D., 1958, University of Kansas.

RELLA A. CARP, *Music, Piano*.

B.A., Maryville College, 1946, B.Mus., Converse College, 1947.

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A.B., 1947, M.A., 1949, Baylor University. Designer and assistant director Baylor Children's Theater, and staff member of department, 1946-49. Special Work with Reynold Arnould, Paris, 1952 and 1956. Graduate study, University of Kentucky. Private study, Central School of Arts and Crafts, London. Study of set design with Sammy Leve.

ARNOLD J. FALK, *Sociology*.

B.A., 1939, Louisiana State University; M.S.W., 1947, Tulane University.

NORMAN Z. FISHER, *Music*.

B.A., 1942, Lewis and Clark College; M.S.M., 1946, Union Theological Seminary.

ELIZABETH FRIEDENBERG, *Art*.

A.B., 1955, Centenary College; M.A., 1959, Stephen F. Austin State College; Professional Study at Art Student League; Contemporaries Workshop, Cornell University; Tschachosov School. On staff since 1952.

SHELDON GOLDSHOLL, *Music, Violin, Concertmaster Shreveport Symphony Orchestra*.

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B.A., 1948, M.Ed., 1949, East Texas State Teachers College.

WILLIAM J. HARDY, *Business*.

B.S.C.E., 1956, Lafayette College; M.S., 1964, Newark College of Engineering.

JAMES H. HARRIS, *Business*.

B.S., 1964, Oklahoma University.

JOYCE HOBBS, *Assistant Professor of Music.*

B.A., 1947, B.M., 1949, Park College; M.M., 1951, Converse College.

LAWRENCE J. HOLLAND, *Business.*

B.B.A., 1956, University of Oklahoma.

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B.A., 1949, University of Tennessee; M.S., 1950, University of Tennessee.

JEAN S. KESTER, *Music, Oboe.*

B.F.A., Music, 1966, Carnegie Institute of Technology.

EDDY KOZAK, *Music.*

B.M., Centenary College.

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B.A., 1938, Centenary College; M.A., 1962, Northwestern State College.

ZELPHIA B. LAYTON, *Education.*

B.A., 1937, M.S., 1941, North Texas State College.

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B.A., 1944, Northwestern State College; M.S., 1958, Lesley College.

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B.A., 1938, Centenary College; M.Ed., 1953, University of Houston;
Ed.D., 1958, University of Houston.

RUSSELL B. McDONOUGH, JR., *Business.*

B.I.E., 1956, Georgia Institute of Technology; M.B.A., 1961, Harvard University.

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B.A., 1934, Grinnell College; M.A., 1963, Temple University.

RAY C. MAYO, *Business.*

B.S., 1949, Northwestern State College. C.P.A.

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B.S., 1942, Washington University, M.A., 1950, Harvard University.

ANNE MONTGOMERY, *Biology.*

B.S., 1963, Centenary College.

LOUIS E. MOOSSY, *Engineering Sciences.*

B.Arch., 1949, Notre Dame University.

PHYLLIS OAKLEY, *History.*

A.B., 1956, Northwestern University; M.A., 1957, Fletcher School of Law and Diplomacy.

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B.A., 1964, Wofford College; M.B.A., 1965, University of South Carolina.

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B.A., 1961, University of California at Los Angeles; M.A., 1963, University of Illinois.

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B.A., 1941, Northwestern State College; M.Ed., 1951, Ed.D., 1959, University of Houston.

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B.A., 1938, Centenary College; M.A., 1940, Louisiana State University.

ARMINDA DOTY RISER, *Education*.

B.A., 1939, Louisiana State University; M.A., 1949, Stanford University.

MILTON I. ROSENZWEIG, *Psychology*.

B.S., 1949, City College of New York; M.S., 1951, University of Miami.

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B.A., 1960, College of William and Mary; M.A., 1966, University of Texas.

NORMA JEAN SHAFFER, *Business*.

JOHN F. SHENAUT, *Associate Professor of Violin and Orchestra*.

B.M., 1938, American Conservatory of Music; M.M., 1940, University of Michigan.

EUGENE C. SHIVERS, *Business*.

B.B., 1947, Mississippi State College; C.P.A.

ALVIN R. SOUTHWICK, *Mathematics*.

B.S.M.E., 1956, Union College.

BRUNO STRAUSS, *Professor of German and History*.

Ph.D., 1911, University of Berlin. On staff since 1939.

LEE B. SUTTON, *Art*.

B.A., and B.I.D., 1951, Oklahoma A. & M. College.

JOAN THOMPSON, *Music, Cello*.

B.F.A., Music, 1965, Carnegie Institute of Technology.

JACQUE P. TREESE, *Mathematics*.

B.S., 1961, Ouachita Baptist College; M.S., 1963, Louisiana State University.

MILTON C. TRICHEL, JR., *Business*.

B.S., 1959, Centenary College; LL.B., 1932, Columbia University.

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MARY UPTON, *Music, String Bass, Principal Shreveport Symphony Orchestra*.

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B.S., 1935, M.A., 1937, Ohio State University.

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B.S., 1955, Louisiana State University.

NENA P. WIDEMAN, *Music, Piano*.

B.A., 1926, Louisiana State Normal College; B.M., 1934, Centenary College; M.M., 1942, Chicago Musical College.

DONALD M. WILLIFORD, *Business*.

B.S., 1951, Northwestern State College.

MOFFETT D. WILSON, *Business.*

B.S., 1954, Louisiana Polytechnic Institute. C.P.A.

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(President and Dean are ex-officio members of all committees)

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SCHOLARSHIPS: Forrest, Buckner, Rainey, R. E. Taylor.

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AUDIO-VISUAL AIDS: Parker, MacCurdy, Watts, Wilkins,

ADMISSIONS AND STANDARDS: Vogel, Hancock, Labor, Warters.

CURRICULUM: Marsh, Hanson, Lowrey, Morgan, Pate, and Division Chairmen.

GENERAL EDUCATION: Pate, Cooper, Shaw, Watts.

GRADUATE FELLOWSHIPS: Morgan, Beck, S. Taylor, Rainey.

INTERCOLLEGIATE ATHLETICS: Wilkins, Causey, Edwards, McPherson.

LIBRARY: R. Speairs, Dean, Harrington, McNair, Overdyke.

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DISCIPLINE: Hickcox, Menefee, Mooty, Self, and student members: Richard Grisham, James Journey, Paula Marshall.

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STUDENT PUBLICATIONS: Alexander, Durand, Forrest, Wayne, Willis, and student members: Lynda Douglass, James Journey, Lou Popejoy, Frances Victory.

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1953	George M. Hearne, III '41
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1956	R. B. Sullivan '43
1957	R. B. Sullivan '43
1958	Gilbert Hetherwick '42
1959	Dr. Charles Knight '41
1960	Jimmy Patterson '40
1961	Judge John A. Dixon '40
1962	Edwin Harbuck '56
1963	E. B. Nolan '48
1964	Cecil E. Ramey, Jr. '43
1965	Cecil E. Ramey, Jr. '43
1966	James J. Serra '36

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OFFICIAL COLLEGE CALENDAR

SUMMER SESSION, 1967*

June 5	9:00 a.m.	Registration
June 6	7:00 a.m.	Classwork begins
July 4		Holiday
July 5		Mid-semester
Aug. 8 - Aug. 9		Final examinations

FIRST SEMESTER, 1967-1968

Sept. 3	10:00 a.m.	Dormitories open
Sept. 3		Freshman orientation begins
Sept. 8 & 9		Pre-registration Faculty Conference
Sept. 11	8:30-12:00; 1-4:00	Registration of seniors juniors and sophomores
Sept. 12	8:30-12:00; 1-4:00	Registration of freshmen and transfers
Sept. 13	7:50 a.m.	Classwork begins
Sept. 22		Last day for enrolling or changing sections
Oct. 20		Last day for dropping courses without academic penalty
Nov. 11	12:00 noon	Mid-semester reports due in Dean's office
Nov. 14, 17, 20	1:00-4:00 p.m.	GRE (required of all graduating seniors)
Nov. 22	12:00 Noon - Nov. 27 7:50 a.m.	Thanksgiving Holidays
Dec. 15	5:00 p.m. to Jan. 2, 7:50 a.m.	Christmas Holidays
Jan. 2-4		Pre-registration for Spring semester
Jan. 15-19		Semester examinations

SECOND SEMESTER, 1967-1968

Jan. 29	9:00-12:00 a.m.; 1:00-5:00 p.m.	Registration
Jan. 30	7:50 a.m.	Classwork begins
Feb. 9		Last day for enrolling or changing sections
Mar. 1		Last day for dropping courses without academic penalty
Mar. 30	12:00 noon	Mid-semester reports due in Dean's office
Apr. 2, 5, 8	1:00-4:00 p.m.	GRE (required of all graduating seniors)
Apr. 4		Founders' Day
Apr. 10	10:00 p.m. to April 16, 7:50 a.m.	Easter recess
May 7-9		Pre-registration for fall-semester
May 20-25		Semester examinations
May 26	2:30 p.m.	Baccalaureate
May 26	8:00 p.m.	Commencement

SUMMER SESSION, 1968*

June 10	9:00 a.m.	Registration
June 11	7:00 a.m.	Classwork begins
July 4		Holiday
July 12		Mid-semester
Aug. 15 - Aug. 16		Final examinations

*A course cannot be dropped without academic penalty after the class has met five times.

Name academic, social, and athletic activities you participated in, and check appropriate columns:

ACTIVITY NAME	TOOK PART	HELD OFFICE	ACTIVITY NAME	TOOK PART	HELD OFFICE

Name academic, social, and athletic honors awarded to you: _____

As a student I recognize the Honor Code that exists at Centenary College and also the right of the college to exclude at any time a student whose conduct or academic standing renders his presence undesirable.

I hereby certify that to the best of my knowledge the foregoing information is true and complete without evasion or misrepresentation. I understand that if it is found to be otherwise, it is sufficient cause for rejection or dismissal.

Date of application _____ Applicant's Signature _____

\$20.00 Application Fee Required

This Space for the Director of Admissions only.

APPLICATION FOR ADMISSION
to
CENTENARY COLLEGE OF LOUISIANA

Recent
Photo
Required

RETURN THIS FORM TO:

Director of Admissions
Centenary College of La.
P.O. Box 4188
Shreveport, Louisiana 71104

Action _____
Average _____
S.A.T. V _____ M _____
Advisor _____
Status _____

Male _____ Female _____

Circle Term of Entrance

Single _____ Married _____ Divorced _____

Spring Summer Fall Year _____

Name: _____ (Last) _____ (First) _____ (Middle) _____

Present Address: _____ (No. & Street) _____ (City) _____ (State) _____ (Phone)

Home Address: _____ (No. & Street) _____ (City) _____ (State) _____ (Phone)

Place of Birth: _____ (City) _____ (State) _____ (Month) _____ (Day) _____ (Year)

Information Concerning Father (or Guardian)

Information Concerning Mother

Name _____ Name _____

Address _____ Address _____

Occupation _____ Occupation _____

EDUCATIONAL INFORMATION

Name of High School _____ Date of Graduation _____

Address of High School _____ (City) _____ (State) _____ Size of Graduating Class _____ (Number)

Name of Colleges Attended _____ (College) _____ (Date)

_____ (College) _____ (Date)

Have you taken the College Entrance Examination Board (SAT required of all Freshmen) _____ Date _____

Have your SAT Scores been sent to Centenary _____ When _____?

What is your intended major _____?

All applicants must provide official high school transcripts. Applicants who have attended or are presently attending any college must send complete, official transcripts of all college credits. Final Action cannot be taken on this application until all transcripts are received. These transcripts must be sent to the Director of Admissions.

All students not residing with bona fide relatives are required to live in College dormitories.

Do you plan to live in the dormitory? _____ (Yes or No) Do you plan to graduate from Centenary _____ (Yes or No)

Circle Entrance Classification: Freshman 0-26 hrs. Sophomore 27-59 hrs. Junior 60-89 hrs. Senior 90 hrs. Religious preference _____ State Denomination _____

Name and address of Pastor _____

How do you plan to finance your education? _____

How did you become interested in Centenary? _____ (Give name and address of persons, if possible)

List names of relatives who have attended Centenary: 1. _____ (Relationship)

2. _____ (Relationship) 3. _____ (Relationship)

Name of family physician _____

Physician to be used in Shreveport _____ Abide by choice of College _____

Rate the following as excellent, good, fair, poor: General health _____ eyesight _____

hearing _____ speech _____

Name handicaps, if any _____

Have you ever had a serious physical illness or been under treatment for an emotional illness? (Yes _____) (No _____) If yes, give details and treatment _____

1967

JANUARY							FEBRUARY							MARCH							APRIL						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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1968

<p>JANUARY</p> <p>S M T W T F S</p> <p>— 1 2 3 4 5 6</p> <p>7 8 9 10 11 12 13</p> <p>14 15 16 17 18 19 20</p> <p>21 22 23 24 25 26 27</p> <p>28 29 30 31 — — —</p>	<p>FEBRUARY</p> <p>S M T W T F S</p> <p>— — — 1 2 3</p> <p>4 5 6 7 8 9 10</p> <p>11 12 13 14 15 16 17</p> <p>18 19 20 21 22 23 24</p> <p>25 26 27 28 29 — —</p>	<p>MARCH</p> <p>S M T W T F S</p> <p>— — — — 1 2</p> <p>3 4 5 6 7 8 9</p> <p>10 11 12 13 14 15 16</p> <p>17 18 19 20 21 22 23</p> <p>24 25 26 27 28 29 30</p> <p>31 — — — — —</p>	<p>APRIL</p> <p>S M T W T F S</p> <p>— 1 2 3 4 5 6</p> <p>7 8 9 10 11 12 13</p> <p>14 15 16 17 18 19 20</p> <p>21 22 23 24 25 26 27</p> <p>28 29 30 — — — —</p>
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<p>SEPTEMBER</p> <p>S M T W T F S</p> <p>1 2 3 4 5 6 7</p> <p>8 9 10 11 12 13 14</p> <p>15 16 17 18 19 20 21</p> <p>22 23 24 25 26 27 28</p> <p>29 30 — — — — —</p>	<p>OCTOBER</p> <p>S M T W T F S</p> <p>— — 1 2 3 4 5</p> <p>6 7 8 9 10 11 12</p> <p>13 14 15 16 17 18 19</p> <p>20 21 22 23 24 25 26</p> <p>27 28 29 30 31 — —</p>	<p>NOVEMBER</p> <p>S M T W T F S</p> <p>— — — — 1 2</p> <p>3 4 5 6 7 8 9</p> <p>10 11 12 13 14 15 16</p> <p>17 18 19 20 21 22 23</p> <p>24 25 26 27 28 29 30</p>	<p>DECEMBER</p> <p>S M T W T F S</p> <p>1 2 3 4 5 6 7</p> <p>8 9 10 11 12 13 14</p> <p>15 16 17 18 19 20 21</p> <p>22 23 24 25 26 27 28</p> <p>29 30 31 — — — —</p>

1969

JANUARY							FEBRUARY							MARCH							APRIL						
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MAY							JUNE							JULY							AUGUST						
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1967

JANUARY							FEBRUARY							MARCH							APRIL						
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MAY							JUNE							JULY							AUGUST						
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SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER						
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JANUARY							FEBRUARY							MARCH							APRIL						
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1969

JANUARY							FEBRUARY							MARCH							APRIL						
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MAY							JUNE							JULY							AUGUST						
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SEPTEMBER		
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CENTENARY COLLEGE OF LOUISIANA

2911 CENTENARY

SHREVEPORT 71104